

CALIFORNIA HIGH-SPEED TRAIN

Project Environmental Impact Report/Environmental Impact Statement



Final EIR/EIS
Fresno to Bakersfield Section

Volume III:
Alignments and Other Plans

Section B
Alignment Plans
Part 2 of 2

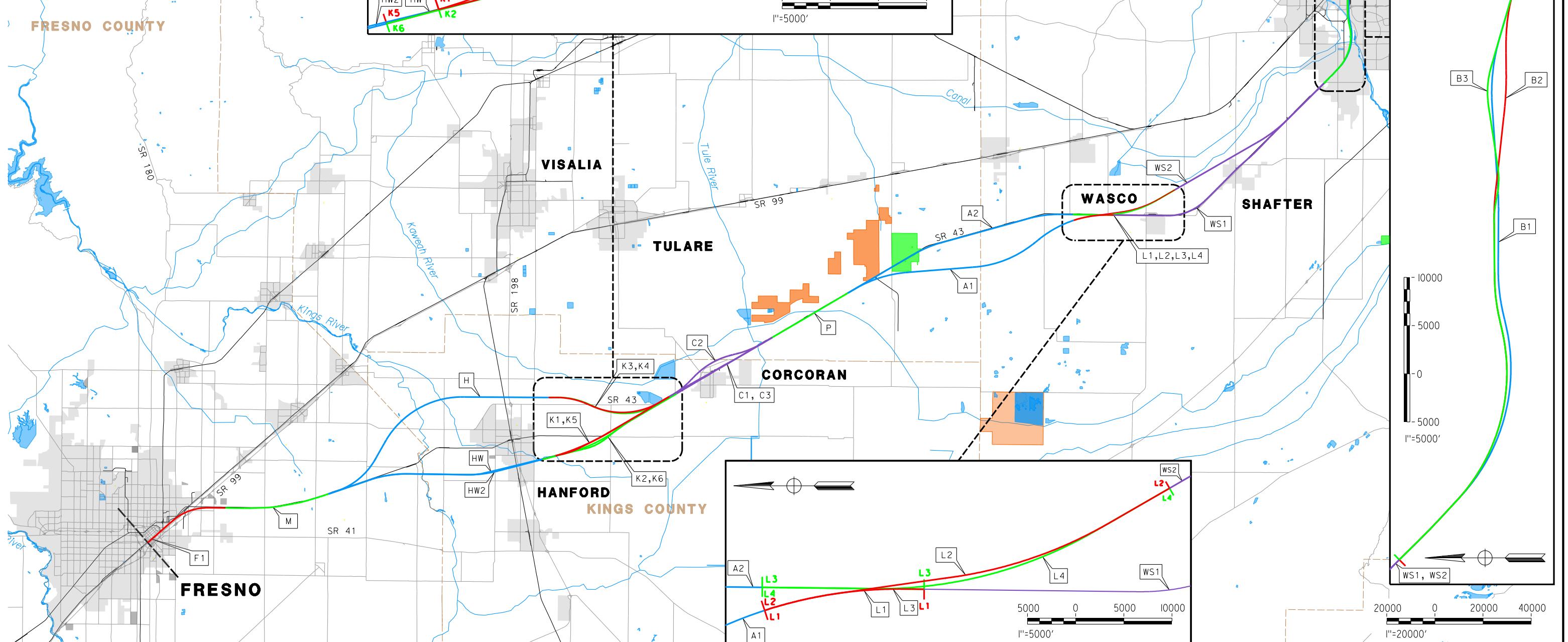
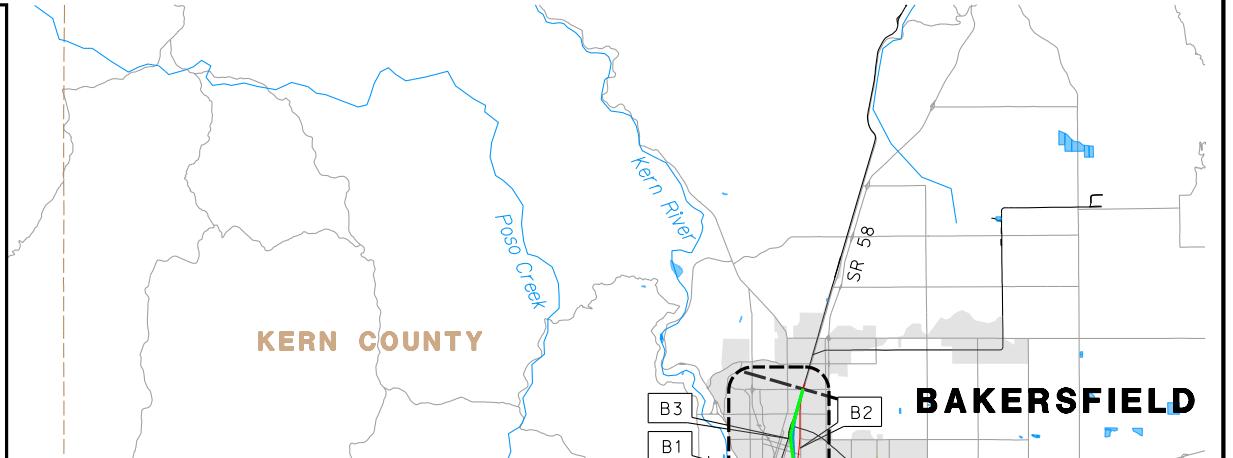
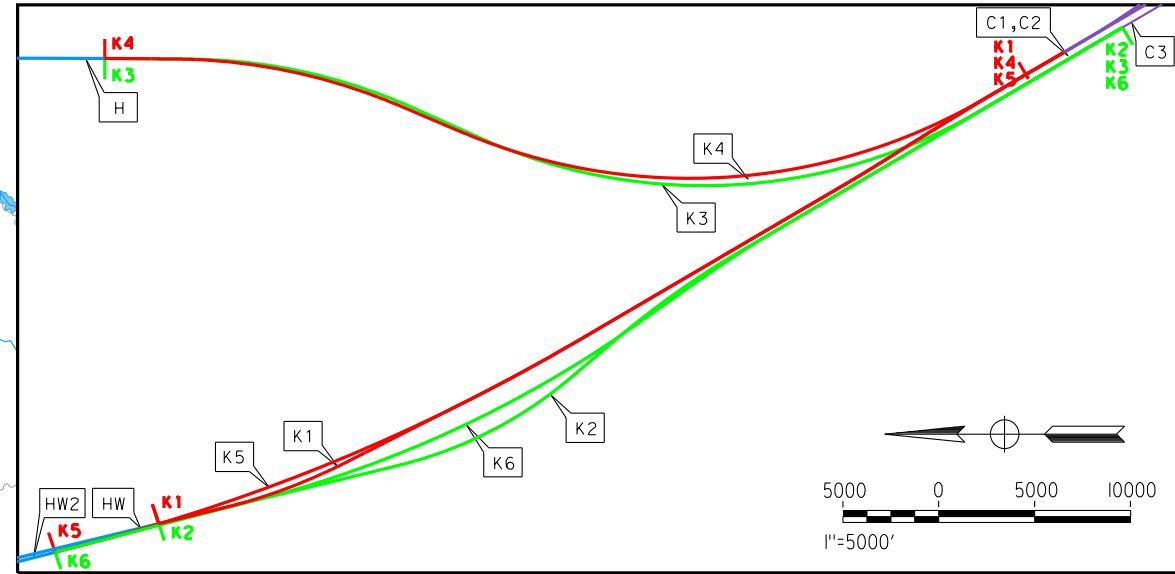
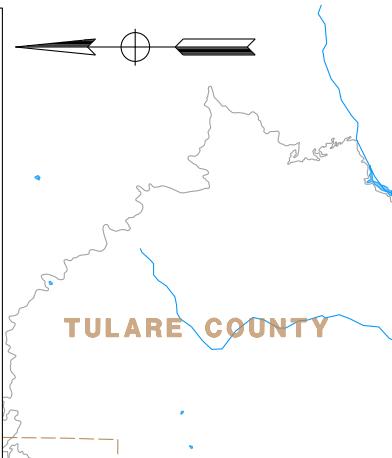
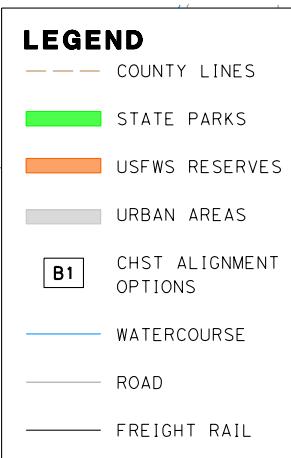
April 2014



CALIFORNIA
High-Speed Rail Authority



U.S. Department of Transportation
Federal Railroad Administration



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REV	DATE	BY	CHK	APP
DESCRIPTION				

DESIGNED BY K. SEYMOUR	RECORD SET 15% DESIGN SUBMISSION
DRAWN BY P. TONKIN	NOT FOR CONSTRUCTION
CHECKED BY D. HUNT	
IN CHARGE R. COFFIN	
DATE 12/31/13	

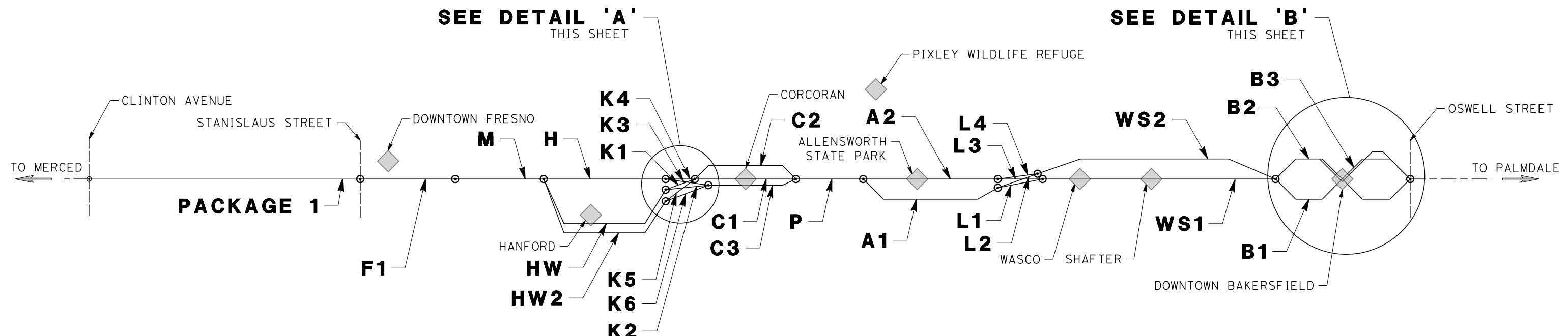
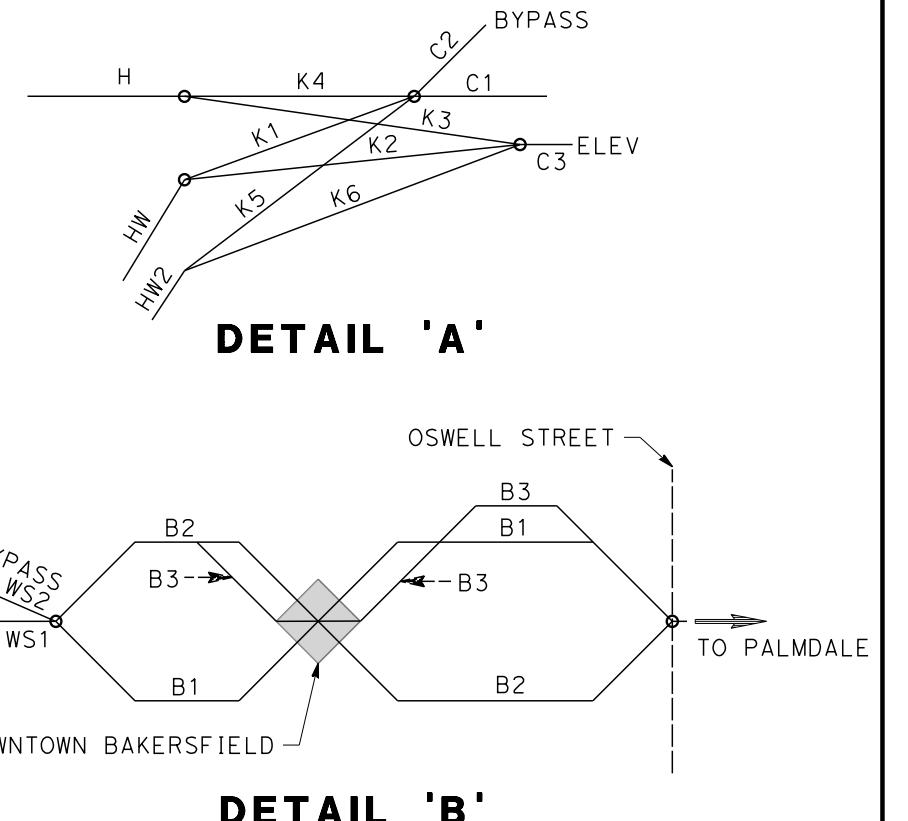


CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ALIGNMENT
LOCATION MAP

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB0001
SCALE
AS SHOWN
SHEET NO.
1 OF 16

SUBSECTION CODE	NAME	LENGTH (MI)	EIR-EIS ALTERNATIVE
F1	FRESNO SUBSECTION	7.00	BNSF
M	MONMOUTH SUBSECTION	8.24	BNSF
H	HANFORD SUBSECTION	20.45	BNSF (HANFORD EAST)
HW	HANFORD WEST BYPASS SUBSECTION	18.27	HANFORD WEST BYPASS 1 & 2
HW2	HANFORD WEST BYPASS SUBSECTION	17.22	HANFORD WEST BYPASS 1 & 2 MODIFIED
K1	KAWeah SUBSECTION	10.12	HANFORD WEST BYPASS 2 (AT-GRADE) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K2	KAWeah SUBSECTION	10.83	HANFORD WEST BYPASS 1 (AT-GRADE) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
K3	KAWeah SUBSECTION	10.61	BNSF (HANFORD EAST) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
K4	KAWeah SUBSECTION	9.92	BNSF (HANFORD EAST) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K5	KAWeah SUBSECTION	11.17	HANFORD WEST BYPASS 2 MODIFIED (BELOW-GRADE) (CONNECTS TO C1 [CORCORAN ELEVATED] OR C2 [CORCORAN BYPASS])
K6	KAWeah SUBSECTION	11.84	HANFORD WEST BYPASS 1 MODIFIED (BELOW-GRADE) (CONNECTS TO C3 [BNSF THROUGH CORCORAN])
C1	CORCORAN SUBSECTION	9.36	CORCORAN ELEVATED
C2	CORCORAN BYPASS SUBSECTION	9.49	CORCORAN BYPASS
C3	CORCORAN SUBSECTION	8.74	BNSF (THROUGH CORCORAN)
P	PIXLEY SUBSECTION	6.88	BNSF
A1	ALLENSWORTH BYPASS SUBSECTION	19.05	ALLENSWORTH BYPASS
A2	THROUGH ALLENSWORTH SUBSECTION	19.03	BNSF (THROUGH ALLENSWORTH)
L1	POSO CREEK SUBSECTION	3.18	ALLENSWORTH BYPASS (CONNECTS TO BNSF [THROUGH WASCO-SHAFTER])
L2	POSO CREEK SUBSECTION	8.41	ALLENSWORTH BYPASS (CONNECTS TO WASCO-SHAFTER BYPASS)
L3	POSO CREEK SUBSECTION	3.18	BNSF (THROUGH ALLENSWORTH) (CONNECTS TO BNSF [THROUGH WASCO-SHAFTER])
L4	POSO CREEK SUBSECTION	8.43	BNSF (THROUGH ALLENSWORTH) (CONNECTS TO WASCO-SHAFTER BYPASS)
WS1	THROUGH WASCO-SHAFTER SUBSECTION	20.63	BNSF (THROUGH WASCO-SHAFTER)
WS2	WASCO-SHAFTER BYPASS SUBSECTION	14.49	WASCO-SHAFTER BYPASS
B1	BAKERSFIELD URBAN SUBSECTION	11.95	BNSF (BAKERSFIELD NORTH)
B2	BAKERSFIELD URBAN SUBSECTION	11.88	BAKERSFIELD SOUTH
B3	BAKERSFIELD URBAN SUBSECTION	11.95	BAKERSFIELD HYBRID



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				DESIGNED BY K. SEYMORE	RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION		CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ALIGNMENT ALIGNMENT SUBSECTION DIAGRAM			CONTRACT NO. HSR 06-0003
			DRAWN BY P. TONKIN	DRAWING NO. CB0002						
			CHECKED BY D. HUNT	SCALE NTS						
			IN CHARGE R. COFFIN	SHEET NO. 2 OF 16						
			DATE 12/31/13							
REV	DATE	BY	CHK	APP	DESCRIPTION					

GENERAL SHEETS

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB0001	ALIGNMENT - LOCATION MAP	SHEET 1 OF 16	
CB0002	ALIGNMENT - ALIGNMENT SUBSECTION DIAGRAM	SHEET 2 OF 16	
CB0003	ALIGNMENT - INDEX OF SHEETS - SHEET 1 OF 6	SHEET 3 OF 16	
CB0004	ALIGNMENT - INDEX OF SHEETS - SHEET 2 OF 6	SHEET 4 OF 16	
CB0005	ALIGNMENT - INDEX OF SHEETS - SHEET 3 OF 6	SHEET 5 OF 16	
CB0006	ALIGNMENT - INDEX OF SHEETS - SHEET 4 OF 6	SHEET 6 OF 16	
CB0007	ALIGNMENT - INDEX OF SHEETS - SHEET 5 OF 6	SHEET 7 OF 16	
CB0008	ALIGNMENT - INDEX OF SHEETS - SHEET 6 OF 6	SHEET 8 OF 16	
CB0010	GENERAL - ABBREVIATIONS AND LEGENDS - SHEET 1 OF 2	SHEET 9 OF 16	
CB0011	GENERAL - ABBREVIATIONS AND LEGENDS - SHEET 2 OF 2	SHEET 10 OF 16	
CB0012	ALIGNMENT - CURVE DATA - SHEET 1 OF 2	SHEET 11 OF 16	
CB0013	ALIGNMENT - CURVE DATA - SHEET 2 OF 2	SHEET 12 OF 16	
CB0014	TPSS - LOCATION MAP	SHEET 13 OF 16	
CB0015	COMMUNICATIONS RADIO SITES - LOCATION MAP	SHEET 14 OF 16	
CB0016	WILDLIFE CROSSINGS - LOCATION MAP	SHEET 15 OF 16	
CB0017	TRACTION POWER FACILITY CROSS OVER AND STATION LOCATION EXHIBIT	SHEET 16 OF 16	

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ALIGNMENT M - MONMOUTH SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1790	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 630+26 TO 1065+07 - KEY MAP	SHEET 1 OF 11	
CB1791	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 630+26 TO 687+00 - PLAN AND PROFILE	SHEET 2 OF 11	
CB1792	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 687+00 TO 743+00 - PLAN AND PROFILE	SHEET 3 OF 11	
CB1793	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 743+00 TO 799+00 - PLAN AND PROFILE	SHEET 4 OF 11	
CB1794	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 799+00 TO 855+00 - PLAN AND PROFILE	SHEET 5 OF 11	
CB1795	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 855+00 TO 911+00 - PLAN AND PROFILE	SHEET 6 OF 11	
CB1796	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 911+00 TO 967+00 - PLAN AND PROFILE	SHEET 7 OF 11	
CB1797	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 967+00 TO 1023+00 - PLAN AND PROFILE	SHEET 8 OF 11	
CB1798	MONMOUTH SUBSECTION - ALIGNMENT M - STA. 1023+00 TO 1065+07 - PLAN AND PROFILE	SHEET 9 OF 11	
CB3140	MONMOUTH SUBSECTION - ALIGNMENT M - CROSS SECTIONS	SHEET 10 OF 11	
CB3141	MONMOUTH SUBSECTION - ALIGNMENT M - CROSS SECTIONS	SHEET 11 OF 11	

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REFER TO ALIGNMENT PLANS - PART 1 OF 2

ALIGNMENT F1 - FRESNO SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1650	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 257+24 TO 627+07 - KEY MAP	SHEET 1 OF 24	
CB1657	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 257+24 TO 261+00 - PLAN AND PROFILE	SHEET 2 OF 24	
CB1658	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 261+00 TO 275+00 - PLAN AND PROFILE	SHEET 3 OF 24	
CB1659	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 275+00 TO 289+00 - PLAN AND PROFILE	SHEET 4 OF 24	
CB1660	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 289+00 TO 303+00 - PLAN AND PROFILE	SHEET 5 OF 24	
CB1661	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 303+00 TO 317+25 - PLAN AND PROFILE	SHEET 6 OF 24	
CB1662	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 317+25 TO 345+00 - PLAN AND PROFILE	SHEET 7 OF 24	
CB1663	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 345+00 TO 373+00 - PLAN AND PROFILE	SHEET 8 OF 24	
CB1664	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 373+00 TO 401+00 - PLAN AND PROFILE	SHEET 9 OF 24	
CB1665	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 401+00 TO 429+00 - PLAN AND PROFILE	SHEET 10 OF 24	
CB1666	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 429+00 TO 457+00 - PLAN AND PROFILE	SHEET 11 OF 24	
CB1667	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 457+00 TO 485+00 - PLAN AND PROFILE	SHEET 12 OF 24	
CB1668	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 485+00 TO 513+00 - PLAN AND PROFILE	SHEET 13 OF 24	
CB1669	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 513+00 TO 541+00 - PLAN AND PROFILE	SHEET 14 OF 24	
CB1670	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 541+00 TO 569+00 - PLAN AND PROFILE	SHEET 15 OF 24	
CB1671	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 569+00 TO 598+00 - PLAN AND PROFILE	SHEET 16 OF 24	
CB1672	FRESNO SUBSECTION - ALIGNMENT F1 - STA. 598+00 TO 627+07 - PLAN AND PROFILE	SHEET 17 OF 24	
CB3010	FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	SHEET 18 OF 24	
CB3011	FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	SHEET 19 OF 24	
CB3012	FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	SHEET 20 OF 24	
CB3013	FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	SHEET 21 OF 24	
CB3014	FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	SHEET 22 OF 24	
CB3015	FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	SHEET 23 OF 24	
CB3016	FRESNO SUBSECTION - ALIGNMENT F1 - CROSS SECTIONS	SHEET 24 OF 24	

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ALIGNMENT H - HANFORD SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1800	HANFORD SUBSECTION - ALIGNMENT H - STA. 1065+07 TO 2144+63 - KEY MAP	SHEET 1 OF 31	
CB1808	HANFORD SUBSECTION - ALIGNMENT H - STA. 1065+07 TO 1080+00 - PLAN AND PROFILE	SHEET 2 OF 31	
CB1809	HANFORD SUBSECTION - ALIGNMENT H - STA. 1080+00 TO 1136+00 - PLAN AND PROFILE	SHEET 3 OF 31	
CB1810	HANFORD SUBSECTION - ALIGNMENT H - STA. 1136+00 TO 1192+00 - PLAN AND PROFILE	SHEET 4 OF 31	
CB1811	HANFORD SUBSECTION - ALIGNMENT H - STA. 1192+00 TO 1248+00 - PLAN AND PROFILE	SHEET 5 OF 31	
CB1812	HANFORD SUBSECTION - ALIGNMENT H - STA. 1248+00 TO 1304+00 - PLAN AND PROFILE	SHEET 6 OF 31	
CB1813	HANFORD SUBSECTION - ALIGNMENT H - STA. 1304+00 TO 1360+00 - PLAN AND PROFILE	SHEET 7 OF 31	
CB1814	HANFORD SUBSECTION - ALIGNMENT H - STA. 1360+00 TO 1416+00 - PLAN AND PROFILE	SHEET 8 OF 31	
CB1815	HANFORD SUBSECTION - ALIGNMENT H - STA. 1416+00 TO 1472+00 - PLAN AND PROFILE	SHEET 9 OF 31	
CB1816	HANFORD SUBSECTION - ALIGNMENT H - STA. 1472+00 TO 1528+00 - PLAN AND PROFILE	SHEET 10 OF 31	
CB1817	HANFORD SUBSECTION - ALIGNMENT H - STA. 1528+00 TO 1584+00 - PLAN AND PROFILE	SHEET 11 OF 31	
CB1818	HANFORD SUBSECTION - ALIGNMENT H - STA. 1584+00 TO 1640+00 - PLAN AND PROFILE	SHEET 12 OF 31	
CB1819	HANFORD SUBSECTION - ALIGNMENT H - STA. 1640+00 TO 1696+00 - PLAN AND PROFILE	SHEET 13 OF 31	
CB1820	HANFORD SUBSECTION - ALIGNMENT H - STA. 1696+00 TO 1752+00 - PLAN AND PROFILE	SHEET 14 OF 31	
CB1821	HANFORD SUBSECTION - ALIGNMENT H - STA. 1752+00 TO 1808+00 - PLAN AND PROFILE	SHEET 15 OF 31	
CB1822	HANFORD SUBSECTION - ALIGNMENT H - STA. 1808+00 TO 1864+00 - PLAN AND PROFILE	SHEET 16 OF 31	
CB1823	HANFORD SUBSECTION - ALIGNMENT H - STA. 1864+00 TO 1914+00 - PLAN AND PROFILE	SHEET 17 OF 31	
CB1824	HANFORD SUBSECTION - ALIGNMENT H - STA. 1914+00 TO 1928+00 - PLAN AND PROFILE	SHEET 18 OF 31	
CB1825	HANFORD SUBSECTION - ALIGNMENT H - STA. 1928+00 TO 1942+00 - PLAN AND PROFILE	SHEET 19 OF 31	
CB1826	HANFORD SUBSECTION - ALIGNMENT H - STA. 1942+00 TO 1956+00 - PLAN AND PROFILE	SHEET 20 OF 31	
CB1827	HANFORD SUBSECTION - ALIGNMENT H - STA. 1956+00 TO 1970+00 - PLAN AND PROFILE	SHEET 21 OF 31	
CB1828	HANFORD SUBSECTION - ALIGNMENT H - STA. 1970+00 TO 1984+00 - PLAN AND PROFILE	SHEET 22 OF 31	
CB1829	HANFORD SUBSECTION - ALIGNMENT H - STA. 1984+00 TO 2032+00 - PLAN AND PROFILE	SHEET 23 OF 31	
CB1830	HANFORD SUBSECTION - ALIGNMENT H - STA. 2032+00 TO 2088+00 - PLAN AND PROFILE	SHEET 24 OF 31	
CB1831	HANFORD SUBSECTION - ALIGNMENT H - STA. 2088+00 TO 2144+63 - PLAN AND PROFILE	SHEET 25 OF 31	
CB3151	HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	SHEET 26 OF 31	
CB3152	HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	SHEET 27 OF 31	
CB3153	HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	SHEET 28 OF 31	
CB3154	HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	SHEET 29 OF 31	
CB3155	HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	SHEET 30 OF 31	
CB3156	HANFORD SUBSECTION - ALIGNMENT H - CROSS SECTIONS	SHEET 31 OF 31	

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DESIGNED BY P. TONKIN	DRAFT 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION	DRAWN BY P. LEES	CHECKED BY A. BRUNDAGE	IN CHARGE R. COFFIN	DATE 12/31/13	URS HMM ARUP  CALIFORNIA HIGH-SPEED TRAIN	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD ALIGNMENT INDEX OF SHEETS SHEET 1 OF 6	CONTRACT NO. HSR 06-0003
REV	DATE	BY	CHK	APP	DESCRIPTION			DRAWING NO. CB0003
							SCALE NO SCALE	
							Sheet No. 3 OF 16	

ALIGNMENT HW - HANFORD WEST (AT-GRADE) BYPASS SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1000	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1065+00 TO 2029+61 - KEY MAP	SHEET 1 OF 29	
CB1001	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1065+00 TO 1089+00 - PLAN AND PROFILE	SHEET 2 OF 29	
CB1002	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1089+00 TO 1145+00 - PLAN AND PROFILE	SHEET 3 OF 29	
CB1003	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1145+00 TO 1201+00 - PLAN AND PROFILE	SHEET 4 OF 29	
CB1004	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1201+00 TO 1257+00 - PLAN AND PROFILE	SHEET 5 OF 29	
CB1005	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1257+00 TO 1313+00 - PLAN AND PROFILE	SHEET 6 OF 29	
CB1006	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1313+00 TO 1369+00 - PLAN AND PROFILE	SHEET 7 OF 29	
CB1007	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1369+00 TO 1425+00 - PLAN AND PROFILE	SHEET 8 OF 29	
CB1008	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1425+00 TO 1481+00 - PLAN AND PROFILE	SHEET 9 OF 29	
CB1009	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1481+00 TO 1537+00 - PLAN AND PROFILE	SHEET 10 OF 29	
CB1010	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1537+00 TO 1593+00 - PLAN AND PROFILE	SHEET 11 OF 29	
CB1011	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1593+00 TO 1649+00 - PLAN AND PROFILE	SHEET 12 OF 29	
CB1012	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1649+00 TO 1705+00 - PLAN AND PROFILE	SHEET 13 OF 29	
CB1023	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1705+00 TO 1761+00 - PLAN AND PROFILE	SHEET 14 OF 29	
CB1024	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1761+00 TO 1817+00 - PLAN AND PROFILE	SHEET 15 OF 29	
CB1025	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1817+00 TO 1831+00 - PLAN AND PROFILE	SHEET 16 OF 29	
CB1026	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1831+00 TO 1845+00 - PLAN AND PROFILE	SHEET 17 OF 29	
CB1027	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1845+00 TO 1859+00 - PLAN AND PROFILE	SHEET 18 OF 29	
CB1028	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1859+00 TO 1873+00 - PLAN AND PROFILE	SHEET 19 OF 29	
CB1029	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1873+00 TO 1887+00 - PLAN AND PROFILE	SHEET 20 OF 29	
CB1030	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1887+00 TO 1943+00 - PLAN AND PROFILE	SHEET 21 OF 29	
CB1031	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1943+00 TO 1999+00 - PLAN AND PROFILE	SHEET 22 OF 29	
CB1031	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - STA 1999+00 TO 2029+61 - PLAN AND PROFILE	SHEET 23 OF 29	
CB1036	HANFORD WEST BYPASS SUBSECTION - SJVR SPUR REALIGNMENT - STA 100+00 TO 154+00 - PLAN AND PROFILE	SHEET 24 OF 29	
CB1037	HANFORD WEST BYPASS SUBSECTION - SJVR SPUR REALIGNMENT - STA 154+00 TO 190+00 - PLAN AND PROFILE	SHEET 25 OF 29	
CB3900	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - CROSS SECTIONS	SHEET 26 OF 29	
CB3901	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - CROSS SECTIONS	SHEET 27 OF 29	
CB3905	HANFORD WEST BYPASS SUBSECTION - ALIGNMENT HW (AT-GRADE) - CROSS SECTIONS	SHEET 28 OF 29	
CB3906	HANFORD WEST BYPASS SUBSECTION - SJVR SPUR REALIGNMENT - CROSS SECTIONS	SHEET 29 OF 29	

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ALIGNMENT K1 - KAWeah SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1040	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2030+05 TO 2564+53 - KEY MAP	SHEET 1 OF 16	
CB1041	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2030+05 TO 2086+00 - PLAN AND PROFILE	SHEET 2 OF 16	
CB1042	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2086+00 TO 2142+00 - PLAN AND PROFILE	SHEET 3 OF 16	
CB1043	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2142+00 TO 2198+00 - PLAN AND PROFILE	SHEET 4 OF 16	
CB1044	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2198+00 TO 2254+00 - PLAN AND PROFILE	SHEET 5 OF 16	
CB1045	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2254+00 TO 2310+00 - PLAN AND PROFILE	SHEET 6 OF 16	
CB1046	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2310+00 TO 2366+00 - PLAN AND PROFILE	SHEET 7 OF 16	
CB1047	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2366+00 TO 2422+00 - PLAN AND PROFILE	SHEET 8 OF 16	
CB1048	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2422+00 TO 2478+00 - PLAN AND PROFILE	SHEET 9 OF 16	
CB1049	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2478+00 TO 2534+00 - PLAN AND PROFILE	SHEET 10 OF 16	
CB1050	KAWeah SUBSECTION - ALIGNMENT K1 - STA 2534+00 TO 2564+53 - PLAN AND PROFILE	SHEET 11 OF 16	
CB3910	KAWeah SUBSECTION - ALIGNMENT K1 - CROSS SECTIONS	SHEET 12 OF 16	
CB3911	KAWeah SUBSECTION - ALIGNMENT K1 - CROSS SECTIONS	SHEET 13 OF 16	
CB3912	KAWeah SUBSECTION - ALIGNMENT K1 - CROSS SECTIONS	SHEET 14 OF 16	
CB3913	KAWeah SUBSECTION - ALIGNMENT K1 - CROSS SECTIONS	SHEET 15 OF 16	
CB3914	KAWeah SUBSECTION - ALIGNMENT K1 - CROSS SECTIONS	SHEET 16 OF 16	

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ALIGNMENT K2 - KAWeah SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1060	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2029+93 TO 2601+70 - KEY MAP	SHEET 1 OF 15	
CB1061	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2029+93 TO 2066+00 - PLAN AND PROFILE	SHEET 2 OF 15	
CB1062	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2066+00 TO 2124+00 - PLAN AND PROFILE	SHEET 3 OF 15	
CB1063	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2124+00 TO 2182+00 - PLAN AND PROFILE	SHEET 4 OF 15	
CB1064	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2182+00 TO 2240+00 - PLAN AND PROFILE	SHEET 5 OF 15	
CB1065	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2240+00 TO 2298+00 - PLAN AND PROFILE	SHEET 6 OF 15	
CB1066	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2298+00 TO 2356+00 - PLAN AND PROFILE	SHEET 7 OF 15	
CB1067	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2356+00 TO 2414+00 - PLAN AND PROFILE	SHEET 8 OF 15	
CB1068	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2414+00 TO 2471+00 - PLAN AND PROFILE	SHEET 9 OF 15	
CB1069	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2471+00 TO 2529+00 - PLAN AND PROFILE	SHEET 10 OF 15	
CB1070	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2529+00 TO 2587+00 - PLAN AND PROFILE	SHEET 11 OF 15	
CB1071	KAWeah SUBSECTION - ALIGNMENT K2 - STA 2587+00 TO 2601+70 - PLAN AND PROFILE	SHEET 12 OF 15	
CB3915	KAWeah SUBSECTION - ALIGNMENT K2 - CROSS SECTIONS	SHEET 13 OF 15	
CB3916	KAWeah SUBSECTION - ALIGNMENT K2 - CROSS SECTIONS	SHEET 14 OF 15	
CB3917	KAWeah SUBSECTION - ALIGNMENT K2 - CROSS SECTIONS	SHEET 15 OF 15	

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ALIGNMENT K3 - KAWeah SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1100	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2073+97 TO 2634+00 - KEY MAP	SHEET 1 OF 16	
CB1101	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2073+97 TO 2130+00 - PLAN AND PROFILE	SHEET 2 OF 16	
CB1102	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2130+00 TO 2186+00 - PLAN AND PROFILE	SHEET 3 OF 16	
CB1103	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2186+00 TO 2242+00 - PLAN AND PROFILE	SHEET 4 OF 16	
CB1104	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2242+00 TO 2298+00 - PLAN AND PROFILE	SHEET 5 OF 16	
CB1105	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2298+00 TO 2354+00 - PLAN AND PROFILE	SHEET 6 OF 16	
CB1106	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2354+00 TO 2410+00 - PLAN AND PROFILE	SHEET 7 OF 16	
CB1107	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2410+00 TO 2466+00 - PLAN AND PROFILE	SHEET 8 OF 16	
CB1108	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2466+00 TO 2522+00 - PLAN AND PROFILE	SHEET 9 OF 16	
CB1109	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2522+00 TO 2578+00 - PLAN AND PROFILE	SHEET 10 OF 16	
CB1110	KAWeah SUBSECTION - ALIGNMENT K3 - STA. 2578+00 TO 2634+00 - PLAN AND PROFILE	SHEET 11 OF 16	
CB3161	KAWeah SUBSECTION - ALIGNMENT K3 - CROSS SECTIONS	SHEET 12 OF 16	
CB3162	KAWeah SUBSECTION - ALIGNMENT K3 - CROSS SECTIONS	SHEET 13 OF 16	
CB3163	KAWeah SUBSECTION - ALIGNMENT K3 - CROSS SECTIONS	SHEET 14 OF 16	
CB3164	KAWeah SUBSECTION - ALIGNMENT K3 - CROSS SECTIONS	SHEET 15 OF 16	
CB3165	KAWeah SUBSECTION - ALIGNMENT K3 - CROSS SECTIONS	SHEET 16 OF 16	

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DESIGNED BY P. TONKIN	DRAFT 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION	DRAWN BY P. LEES	CHECKED BY A. BRUNDAGE	IN CHARGE R. COFFIN
REV	DATE	BY	CHK	APP
DESCRIPTION				
12/31/13				



CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD

ALIGNMENT
INDEX OF SHEETS
SHEET 2 OF 6

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB0004
SCALE
NO SCALE
SHEET NO.
4 OF 16

ALIGNMENT K4 - KAWEAH SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1130	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2074+96 TO 2598+60 - KEY MAP	SHEET 1 OF 15	1
CB1131	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2074+96 TO 2130+00 - PLAN AND PROFILE	SHEET 2 OF 15	
CB1132	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2130+00 TO 2186+00 - PLAN AND PROFILE	SHEET 3 OF 15	
CB1133	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2186+00 TO 2242+00 - PLAN AND PROFILE	SHEET 4 OF 15	
CB1134	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2242+00 TO 2298+00 - PLAN AND PROFILE	SHEET 5 OF 15	
CB1135	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2298+00 TO 2354+00 - PLAN AND PROFILE	SHEET 6 OF 15	
CB1136	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2354+00 TO 2410+00 - PLAN AND PROFILE	SHEET 7 OF 15	
CB1137	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2410+00 TO 2466+00 - PLAN AND PROFILE	SHEET 8 OF 15	
CB1138	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2466+00 TO 2522+00 - PLAN AND PROFILE	SHEET 9 OF 15	
CB1139	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2522+00 TO 2578+00 - PLAN AND PROFILE	SHEET 10 OF 15	
CB1140	KAWEAH SUBSECTION - ALIGNMENT K4 - STA. 2578+00 TO 2598+60 - PLAN AND PROFILE	SHEET 11 OF 15	
CB3171	KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	SHEET 12 OF 15	
CB3172	KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	SHEET 13 OF 15	
CB3173	KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	SHEET 14 OF 15	
CB3174	KAWEAH SUBSECTION - ALIGNMENT K4 - CROSS SECTIONS	SHEET 15 OF 15	

ALIGNMENT K5 - KAWEAH SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1250	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 1974+00 TO 2563+94 - KEY MAP	SHEET 1 OF 17	1
CB1251	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 1974+00 TO 2030+00 - PLAN AND PROFILE	SHEET 2 OF 17	
CB1252	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2030+00 TO 2086+00 - PLAN AND PROFILE	SHEET 3 OF 17	
CB1253	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2086+00 TO 2142+00 - PLAN AND PROFILE	SHEET 4 OF 17	
CB1254	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2142+00 TO 2198+00 - PLAN AND PROFILE	SHEET 5 OF 17	
CB1255	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2198+00 TO 2254+00 - PLAN AND PROFILE	SHEET 6 OF 17	
CB1256	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2254+00 TO 2310+00 - PLAN AND PROFILE	SHEET 7 OF 17	
CB1257	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2310+00 TO 2366+00 - PLAN AND PROFILE	SHEET 8 OF 17	
CB1258	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2366+00 TO 2422+00 - PLAN AND PROFILE	SHEET 9 OF 17	
CB1259	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2422+00 TO 2478+00 - PLAN AND PROFILE	SHEET 10 OF 17	
CB1260	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2478+00 TO 2534+00 - PLAN AND PROFILE	SHEET 11 OF 17	
CB1261	KAWEAH SUBSECTION - ALIGNMENT K5 - STA 2534+00 TO 2563+94 - PLAN AND PROFILE	SHEET 12 OF 17	
CB3950	KAWEAH SUBSECTION - ALIGNMENT K5 - CROSS SECTIONS	SHEET 13 OF 17	
CB3951	KAWEAH SUBSECTION - ALIGNMENT K5 - CROSS SECTIONS	SHEET 14 OF 17	
CB3952	KAWEAH SUBSECTION - ALIGNMENT K5 - CROSS SECTIONS	SHEET 15 OF 17	
CB3953	KAWEAH SUBSECTION - ALIGNMENT K5 - CROSS SECTIONS	SHEET 16 OF 17	
CB3954	KAWEAH SUBSECTION - ALIGNMENT K5 - CROSS SECTIONS	SHEET 17 OF 17	

ALIGNMENT K6 - KAWEAH SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1275	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 1974+00 TO 2598+85.20 - KEY MAP	SHEET 1 OF 16	1
CB1276	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 1974+00 TO 2030+00 - PLAN AND PROFILE	SHEET 2 OF 16	
CB1277	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2030+00 TO 2086+00 - PLAN AND PROFILE	SHEET 3 OF 16	
CB1278	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2086+00 TO 2142+00 - PLAN AND PROFILE	SHEET 4 OF 16	
CB1279	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2142+00 TO 2198+00 - PLAN AND PROFILE	SHEET 5 OF 16	
CB1280	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2198+00 TO 2254+00 - PLAN AND PROFILE	SHEET 6 OF 16	
CB1281	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2254+00 TO 2310+00 - PLAN AND PROFILE	SHEET 7 OF 16	
CB1282	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2310+00 TO 2366+00 - PLAN AND PROFILE	SHEET 8 OF 16	
CB1283	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2366+00 TO 2422+00 - PLAN AND PROFILE	SHEET 9 OF 16	
CB1284	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2422+00 TO 2476+00 - PLAN AND PROFILE	SHEET 10 OF 16	
CB1285	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2476+00 TO 2534+00 - PLAN AND PROFILE	SHEET 11 OF 16	
CB1286	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2534+00 TO 2590+00 - PLAN AND PROFILE	SHEET 12 OF 16	
CB1287	KAWEAH SUBSECTION - ALIGNMENT K6 - STA 2590+00 TO 2598+85.20 - PLAN AND PROFILE	SHEET 13 OF 16	
CB3975	KAWEAH SUBSECTION - ALIGNMENT K6 - CROSS SECTIONS	SHEET 14 OF 16	
CB3976	KAWEAH SUBSECTION - ALIGNMENT K6 - CROSS SECTIONS	SHEET 15 OF 16	
CB3977	KAWEAH SUBSECTION - ALIGNMENT K6 - CROSS SECTIONS	SHEET 16 OF 16	

ALIGNMENT C1 - CORCORAN SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1870	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2601+64 TO 3096+00 - KEY MAP	SHEET 1 OF 22	2
CB1880	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2601+64 TO 2622+00 - PLAN AND PROFILE	SHEET 2 OF 22	
CB1881	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2622+00 TO 2678+00 - PLAN AND PROFILE	SHEET 3 OF 22	
CB1882	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2678+00 TO 2706+00 - PLAN AND PROFILE	SHEET 4 OF 22	
CB1883	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2706+00 TO 2734+00 - PLAN AND PROFILE	SHEET 5 OF 22	
CB1884	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2734+00 TO 2762+00 - PLAN AND PROFILE	SHEET 6 OF 22	
CB1885	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2762+00 TO 2790+00 - PLAN AND PROFILE	SHEET 7 OF 22	
CB1886	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2790+00 TO 2818+00 - PLAN AND PROFILE	SHEET 8 OF 22	
CB1887	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2818+00 TO 2846+00 - PLAN AND PROFILE	SHEET 9 OF 22	
CB1888	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2846+00 TO 2874+00 - PLAN AND PROFILE	SHEET 10 OF 22	
CB1889	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2874+00 TO 2902+00 - PLAN AND PROFILE	SHEET 11 OF 22	
CB1890	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2902+00 TO 2930+00 - PLAN AND PROFILE	SHEET 12 OF 22	
CB1891	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2930+00 TO 2958+00 - PLAN AND PROFILE	SHEET 13 OF 22	
CB1892	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 2958+00 TO 3014+00 - PLAN AND PROFILE	SHEET 14 OF 22	
CB1893	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 3014+00 TO 3070+00 - PLAN AND PROFILE	SHEET 15 OF 22	
CB1894	CORCORAN SUBSECTION - ALIGNMENT C1 - STA. 3070+00 TO 3096+00 - PLAN AND PROFILE	SHEET 16 OF 22	
CB3210	CORCORAN SUBSECTION - ALIGNMENT C1 - CROSS SECTIONS	SHEET 17 OF 22	
CB3211	CORCORAN SUBSECTION - ALIGNMENT C1 - CROSS SECTIONS	SHEET 18 OF 22	
CB3212	CORCORAN SUBSECTION - ALIGNMENT C1 - CROSS SECTIONS	SHEET 19 OF 22	
CB3213	CORCORAN SUBSECTION - ALIGNMENT C1 - CROSS SECTIONS	SHEET 20 OF 22	
CB3214	CORCORAN SUBSECTION - ALIGNMENT C1 - CROSS SECTIONS	SHEET 21 OF 22	
CB3215	CORCORAN SUBSECTION - ALIGNMENT C1 - CROSS SECTIONS	SHEET 22 OF 22	

ALIGNMENT C2 - CORCORAN BYPASS SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1850	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2594+81 TO 3096+00 - KEY MAP	SHEET 1 OF 16	2
CB1861	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2594+81 TO 2650+00 - PLAN AND PROFILE	SHEET 2 OF 16	
CB1862	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2650+00 TO 2706+00 - PLAN AND PROFILE	SHEET 3 OF 16	
CB1863	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2706+00 TO 2762+00 - PLAN AND PROFILE	SHEET 4 OF 16	
CB1864	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2762+00 TO 2818+00 - PLAN AND PROFILE	SHEET 5 OF 16	
CB1865	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2818+00 TO 2874+00 - PLAN AND PROFILE	SHEET 6 OF 16	
CB1866	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2874+00 TO 2930+00 - PLAN AND PROFILE	SHEET 7 OF 16	
CB1867	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2930+00 TO 2986+00 - PLAN AND PROFILE	SHEET 8 OF 16	
CB1868	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 2986+00 TO 3042+00 - PLAN AND PROFILE	SHEET 9 OF 16	
CB1869	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - STA. 3042+00 TO 3096+00 - PLAN AND PROFILE	SHEET 10 OF 16	
CB3255	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	SHEET 11 OF 16	
CB3256	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	SHEET 12 OF 16	
CB3257	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	SHEET 13 OF 16	
CB3258	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	SHEET 14 OF 16	
CB3259	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	SHEET 15 OF 16	
CB3260	CORCORAN BYPASS SUBSECTION - ALIGNMENT C2 - CROSS SECTIONS	SHEET 16 OF 16	

ALIGNMENT C3 - CORCORAN SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1900	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2634+47 TO 3096+00 - KEY MAP	SHEET 1 OF 20	
CB1911	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2634+47 TO 2690+00 - PLAN AND PROFILE	SHEET 2 OF 20	
CB1912	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2690+00 TO 2718+00 - PLAN AND PROFILE	SHEET 3 OF 20	
CB1913	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2718+00 TO 2746+00 - PLAN AND PROFILE	SHEET 4 OF 20	
CB1914	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2746+00 TO 2774+00 - PLAN AND PROFILE	SHEET 5 OF 20	
CB1915	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2774+00 TO 2802+00 - PLAN AND PROFILE	SHEET 6 OF 20	
CB1916	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2802+00 TO 2830+00 - PLAN AND PROFILE	SHEET 7 OF 20	
CB1917	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2830+00 TO 2858+00 - PLAN AND PROFILE	SHEET 8 OF 20	
CB1918	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2858+00 TO 2886+00 - PLAN AND PROFILE	SHEET 9 OF 20	
CB1919	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2886+00 TO 2914+00 - PLAN AND PROFILE	SHEET 10 OF 20	
CB1920	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2914+00 TO 2942+00 - PLAN AND PROFILE	SHEET 11 OF 20	
CB1921	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2942+00 TO 2998+00 - PLAN AND PROFILE	SHEET 12 OF 20	
CB1922	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 2998+00 TO 3054+00 - PLAN AND PROFILE	SHEET 13 OF 20	
CB1923	CORCORAN SUBSECTION - ALIGNMENT C3 - STA. 3054+00 TO 3096+00 - PLAN AND PROFILE	SHEET 14 OF 20	
CB3275	CORCORAN SUBSECTION - ALIGNMENT C3 - CROSS SECTIONS	SHEET 15 OF 20	
CB3276	CORCORAN SUBSECTION - ALIGNMENT C3 - CROSS SECTIONS	SHEET 16 OF 20	
CB3277	CORCORAN SUBSECTION - ALIGNMENT C3 - CROSS SECTIONS	SHEET 17 OF 20	
CB3278	CORCORAN SUBSECTION - ALIGNMENT C3 - CROSS SECTIONS	SHEET 18 OF 20	
CB3279	CORCORAN SUBSECTION - ALIGNMENT C3 - CROSS SECTIONS	SHEET 19 OF 20	
CB3280	CORCORAN SUBSECTION - ALIGNMENT C3 - CROSS SECTIONS	SHEET 20 OF 20	

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ALIGNMENT A2 - THROUGH ALLENSWORTH SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1420	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 3919+50 TO 4924+27 - KEY MAP	SHEET 1 OF 22	
CB1421	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 3919+50 TO 3974+00 - PLAN AND PROFILE	SHEET 2 OF 22	
CB1422	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 3974+00 TO 4030+00 - PLAN AND PROFILE	SHEET 3 OF 22	
CB1423	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4030+00 TO 4086+00 - PLAN AND PROFILE	SHEET 4 OF 22	
CB1424	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4086+00 TO 4142+00 - PLAN AND PROFILE	SHEET 5 OF 22	
CB1425	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4142+00 TO 4198+00 - PLAN AND PROFILE	SHEET 6 OF 22	
CB1426	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4198+00 TO 4254+00 - PLAN AND PROFILE	SHEET 7 OF 22	
CB1427	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4254+00 TO 4310+00 - PLAN AND PROFILE	SHEET 8 OF 22	
CB1428	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4310+00 TO 4366+00 - PLAN AND PROFILE	SHEET 9 OF 22	
CB1429	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4366+00 TO 4422+00 - PLAN AND PROFILE	SHEET 10 OF 22	
CB1430	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4422+00 TO 4478+00 - PLAN AND PROFILE	SHEET 11 OF 22	
CB1431	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4478+00 TO 4534+00 - PLAN AND PROFILE	SHEET 12 OF 22	
CB1432	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4534+00 TO 4590+00 - PLAN AND PROFILE	SHEET 13 OF 22	
CB1433	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4590+00 TO 4646+00 - PLAN AND PROFILE	SHEET 14 OF 22	
CB1434	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4646+00 TO 4702+00 - PLAN AND PROFILE	SHEET 15 OF 22	
CB1435	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4702+00 TO 4758+00 - PLAN AND PROFILE	SHEET 16 OF 22	
CB1436	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4758+00 TO 4814+00 - PLAN AND PROFILE	SHEET 17 OF 22	
CB1437	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4814+00 TO 4870+00 - PLAN AND PROFILE	SHEET 18 OF 22	
CB1438	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - STA. 4870+00 TO 4924+27 - PLAN AND PROFILE	SHEET 19 OF 22	
CB3421	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - CROSS SECTIONS	SHEET 20 OF 22	
CB3422	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - CROSS SECTIONS	SHEET 21 OF 22	
CB3423	THROUGH ALLENSWORTH SUBSECTION - ALIGNMENT A2 - CROSS SECTIONS	SHEET 22 OF 22	

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ALIGNMENT P - PIXLEY SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1300	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3096+00 TO 3459+25 - KEY MAP	SHEET 1 OF 9	
CB1301	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3096+00 TO 3152+00 - PLAN AND PROFILE	SHEET 2 OF 9	
CB1302	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3152+00 TO 3208+00 - PLAN AND PROFILE	SHEET 3 OF 9	
CB1303	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3208+00 TO 3264+00 - PLAN AND PROFILE	SHEET 4 OF 9	
CB1304	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3264+00 TO 3320+00 - PLAN AND PROFILE	SHEET 5 OF 9	
CB1305	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3320+00 TO 3376+00 - PLAN AND PROFILE	SHEET 6 OF 9	
CB1306	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3376+00 TO 3432+00 - PLAN AND PROFILE	SHEET 7 OF 9	
CB1307	PIXLEY SUBSECTION - ALIGNMENT P - STA. 3432+00 TO 3459+25 - PLAN AND PROFILE	SHEET 8 OF 9	
CB3301	PIXLEY SUBSECTION - ALIGNMENT P - CROSS SECTIONS	SHEET 9 OF 9	

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ALIGNMENT L1 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1525	POSO CREEK SUBSECTION - ALIGNMENT L1 - STA. 5154+50 TO 5322+33 - KEY MAP	SHEET 1 OF 6	
CB1526	POSO CREEK SUBSECTION - ALIGNMENT L1 - STA. 5154+50 TO 5210+50 - PLAN AND PROFILE	SHEET 2 OF 6	
CB1527	POSO CREEK SUBSECTION - ALIGNMENT L1 - STA. 5210+50 TO 5266+50 - PLAN AND PROFILE	SHEET 3 OF 6	
CB1528	POSO CREEK SUBSECTION - ALIGNMENT L1 - STA. 5266+50 TO 5322+33 - PLAN AND PROFILE	SHEET 4 OF 6	
CB3526	POSO CREEK SUBSECTION - ALIGNMENT L1 - CROSS SECTIONS	SHEET 5 OF 6	
CB3527	POSO CREEK SUBSECTION - ALIGNMENT L1 - CROSS SECTIONS	SHEET 6 OF 6	

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ALIGNMENT A1 - ALLENSWORTH BYPASS SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1400	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 3919+50 TO 4925+51 - KEY MAP	SHEET 1 OF 21	
CB1401	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 3919+50 TO 3976+00 - PLAN AND PROFILE	SHEET 2 OF 21	
CB1402	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 3976+00 TO 4032+00 - PLAN AND PROFILE	SHEET 3 OF 21	
CB1750	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4032+00 TO 4088+00 - PLAN AND PROFILE	SHEET 4 OF 21	
CB1751	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4088+00 TO 4144+00 - PLAN AND PROFILE	SHEET 5 OF 21	
CB1752	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4144+00 TO 4200+00 - PLAN AND PROFILE	SHEET 6 OF 21	
CB1753	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4200+00 TO 4256+00 - PLAN AND PROFILE	SHEET 7 OF 21	
CB1754	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4256+00 TO 4312+00 - PLAN AND PROFILE	SHEET 8 OF 21	
CB1755	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4312+00 TO 4368+00 - PLAN AND PROFILE	SHEET 9 OF 21	
CB1756	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4368+00 TO 4424+00 - PLAN AND PROFILE	SHEET 10 OF 21	
CB1757	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4424+00 TO 4480+00 - PLAN AND PROFILE	SHEET 11 OF 21	
CB1758	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4480+00 TO 4536+00 - PLAN AND PROFILE	SHEET 12 OF 21	
CB1759	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4536+00 TO 4592+00 - PLAN AND PROFILE	SHEET 13 OF 21	
CB1760	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4592+00 TO 4648+00 - PLAN AND PROFILE	SHEET 14 OF 21	
CB1761	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4648+00 TO 4704+00 - PLAN AND PROFILE	SHEET 15 OF 21	
CB1762	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4704+00 TO 4760+00 - PLAN AND PROFILE	SHEET 16 OF 21	
CB1763	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4760+00 TO 4816+00 - PLAN AND PROFILE	SHEET 17 OF 21	
CB1764	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4816+00 TO 4872+00 - PLAN AND PROFILE	SHEET 18 OF 21	
CB1765	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - STA. 4872+00 TO 4925+51 - PLAN AND PROFILE	SHEET 19 OF 21	
CB3401	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - CROSS SECTIONS	SHEET 20 OF 21	
CB3402	ALLENSWORTH BYPASS SUBSECTION - ALIGNMENT A1 - CROSS SECTIONS	SHEET 21 OF 21	

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ALIGNMENT L2 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1550	POSO CREEK SUBSECTION - ALIGNMENT L2 - STA. 5154+50 TO 5598+43 - KEY MAP	SHEET 1 OF 13	
CB1551	POSO CREEK SUBSECTION - ALIGNMENT L2 - STA. 5154+50 TO 5210+50 - PLAN AND PROFILE	SHEET 2 OF 13	
CB1552	POSO CREEK SUBSECTION - ALIGNMENT L2 - STA. 5210+50 TO 5266+50 - PLAN AND PROFILE	SHEET 3 OF 13	
CB1553	POSO CREEK SUBSECTION - ALIGNMENT L2 - STA. 5266+50 TO 5322+50 - PLAN AND PROFILE	SHEET 4 OF 13	</

ALIGNMENT L3 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1575	POSO CREEK SUBSECTION - ALIGNMENT L3 - STA. 5154+50 TO 5322+50 - KEY MAP	SHEET 1 OF 7	2
CB1576	POSO CREEK SUBSECTION - ALIGNMENT L3 - STA. 5154+50 TO 5210+50 - PLAN AND PROFILE	SHEET 2 OF 7	
CB1577	POSO CREEK SUBSECTION - ALIGNMENT L3 - STA. 5210+50 TO 5266+50 - PLAN AND PROFILE	SHEET 3 OF 7	
CB1578	POSO CREEK SUBSECTION - ALIGNMENT L3 - STA. 5266+50 TO 5322+50 - PLAN AND PROFILE	SHEET 4 OF 7	
CB3576	POSO CREEK SUBSECTION - ALIGNMENT L3 - CROSS SECTIONS	SHEET 5 OF 7	
CB3577	POSO CREEK SUBSECTION - ALIGNMENT L3 - CROSS SECTIONS	SHEET 6 OF 7	
CB3578	POSO CREEK SUBSECTION - ALIGNMENT L3 - CROSS SECTIONS	SHEET 7 OF 7	

ALIGNMENT L4 - POSO CREEK SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1600	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5154+50 TO 5599+86 - KEY MAP	SHEET 1 OF 16	
CB1601	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5154+50 TO 5210+50 - PLAN AND PROFILE	SHEET 2 OF 16	
CB1602	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5210+50 TO 5266+50 - PLAN AND PROFILE	SHEET 3 OF 16	
CB1603	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5266+50 TO 5322+50 - PLAN AND PROFILE	SHEET 4 OF 16	
CB1604	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5322+50 TO 5378+50 - PLAN AND PROFILE	SHEET 5 OF 16	
CB1605	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5378+50 TO 5434+50 - PLAN AND PROFILE	SHEET 6 OF 16	
CB1606	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5434+50 TO 5490+50 - PLAN AND PROFILE	SHEET 7 OF 16	
CB1607	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5490+50 TO 5546+50 - PLAN AND PROFILE	SHEET 8 OF 16	
CB1608	POSO CREEK SUBSECTION - ALIGNMENT L4 - STA. 5546+50 TO 5599+86 - PLAN AND PROFILE	SHEET 9 OF 16	
CB3601	POSO CREEK SUBSECTION - ALIGNMENT L4 - CROSS SECTIONS	SHEET 10 OF 16	
CB3602	POSO CREEK SUBSECTION - ALIGNMENT L4 - CROSS SECTIONS	SHEET 11 OF 16	
CB3603	POSO CREEK SUBSECTION - ALIGNMENT L4 - CROSS SECTIONS	SHEET 12 OF 16	
CB3604	POSO CREEK SUBSECTION - ALIGNMENT L4 - CROSS SECTIONS	SHEET 13 OF 16	
CB3605	POSO CREEK SUBSECTION - ALIGNMENT L4 - CROSS SECTIONS	SHEET 14 OF 16	
CB3606	POSO CREEK SUBSECTION - ALIGNMENT L4 - CROSS SECTIONS	SHEET 15 OF 16	
CB3607	POSO CREEK SUBSECTION - ALIGNMENT L4 - CROSS SECTIONS	SHEET 16 OF 16	

ALIGNMENT WS1 - THROUGH WASCO-SHAFTER SUBSECTION

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No.
CB1448	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5422+50 TO 6511+99 - KEY MAP	SHEET 1 OF 35	
CB1449	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5422+50 TO 5478+50 - PLAN AND PROFILE	SHEET 2 OF 35	
CB1450	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5478+50 TO 5534+50 - PLAN AND PROFILE	SHEET 3 OF 35	
CB1451	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5534+50 TO 5562+50 - PLAN AND PROFILE	SHEET 4 OF 35	
CB1452	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5562+50 TO 5590+50 - PLAN AND PROFILE	SHEET 5 OF 35	
CB1453	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5590+00 TO 5618+50 - PLAN AND PROFILE	SHEET 6 OF 35	
CB1454	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5618+50 TO 5646+50 - PLAN AND PROFILE	SHEET 7 OF 35	
CB1455	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5646+50 TO 5702+50 - PLAN AND PROFILE	SHEET 8 OF 35	
CB1456	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5702+50 TO 5758+50 - PLAN AND PROFILE	SHEET 9 OF 35	
CB1457	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5758+50 TO 5814+50 - PLAN AND PROFILE	SHEET 10 OF 35	
CB1458	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5814+50 TO 5870+50 - PLAN AND PROFILE	SHEET 11 OF 35	
CB1459	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5870+50 TO 5926+50 - PLAN AND PROFILE	SHEET 12 OF 35	
CB1460	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5926+50 TO 5954+50 - PLAN AND PROFILE	SHEET 13 OF 35	
CB1461	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5954+50 TO 5982+50 - PLAN AND PROFILE	SHEET 14 OF 35	
CB1462	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 5982+50 TO 6010+50 - PLAN AND PROFILE	SHEET 15 OF 35	
CB1463	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6010+50 TO 6038+50 - PLAN AND PROFILE	SHEET 16 OF 35	
CB1464	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6038+50 TO 6094+50 - PLAN AND PROFILE	SHEET 17 OF 35	
CB1465	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6094+50 TO 6150+50 - PLAN AND PROFILE	SHEET 18 OF 35	
CB1466	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6150+50 TO 6206+50 - PLAN AND PROFILE	SHEET 19 OF 35	
CB1467	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6206+50 TO 6262+50 - PLAN AND PROFILE	SHEET 20 OF 35	
CB1468	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6262+50 TO 6318+50 - PLAN AND PROFILE	SHEET 21 OF 35	
CB1469	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6318+50 TO 6374+50 - PLAN AND PROFILE	SHEET 22 OF 35	
CB1470	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6374+50 TO 6430+50 - PLAN AND PROFILE	SHEET 23 OF 35	
CB1471	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6430+50 TO 6486+50 - PLAN AND PROFILE	SHEET 24 OF 35	
CB1472	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - STA. 6486+50 TO 6511+97 - PLAN AND PROFILE	SHEET 25 OF 35	

ALIGNMENT WS1 - THROUGH WASCO-SHAFTER SUBSECTION CONT'D

DRAWING No	DRAWING DESCRIPTION	SHEET No.	PART No
CB3446	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 26 OF 35	
CB3447	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 27 OF 35	
CB3448	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 28 OF 35	
CB3449	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 29 OF 35	
CB3450	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 30 OF 35	
CB3451	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 31 OF 35	
CB3452	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 32 OF 35	
CB3453	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 33 OF 35	
CB3454	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 34 OF 35	
CB3455	THROUGH WASCO-SHAFTER SUBSECTION - ALIGNMENT WS1 - CROSS SECTIONS	SHEET 35 OF 35	

ALIGNMENT WS2 - WASCO-SHAFTER BYPASS SUBSECTION

CB1483	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 5703+34 TO 6468+40 - KEY MAP	SHEET 1 OF 21	PART No.
CB1484	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 5703+34 TO 5758+50 - PLAN AND PROFILE	SHEET 2 OF 21	
CB1485	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 5758+50 TO 5814+50 - PLAN AND PROFILE	SHEET 3 OF 21	
CB1486	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 5814+50 TO 5870+50 - PLAN AND PROFILE	SHEET 4 OF 21	
CB1487	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 5870+50 TO 5926+50 - PLAN AND PROFILE	SHEET 5 OF 21	
CB1488	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 5926+50 TO 5982+50 - PLAN AND PROFILE	SHEET 6 OF 21	
CB1489	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 5982+50 TO 6038+50 - PLAN AND PROFILE	SHEET 7 OF 21	
CB1490	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6038+50 TO 6094+50 - PLAN AND PROFILE	SHEET 8 OF 21	
CB1491	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6094+50 TO 6150+50 - PLAN AND PROFILE	SHEET 9 OF 21	
CB1492	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6150+50 TO 6206+50 - PLAN AND PROFILE	SHEET 10 OF 21	
CB1493	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6206+50 TO 6262+50 - PLAN AND PROFILE	SHEET 11 OF 21	
CB1494	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6262+50 TO 6318+50 - PLAN AND PROFILE	SHEET 12 OF 21	
CB1495	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6318+50 TO 6374+50 - PLAN AND PROFILE	SHEET 13 OF 21	
CB1496	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6374+50 TO 6430+50 - PLAN AND PROFILE	SHEET 14 OF 21	
CB1497	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - STA. 6430+50 TO 6468+40 - PLAN AND PROFILE	SHEET 15 OF 21	
CB3476	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - CROSS SECTIONS	SHEET 16 OF 21	
CB3477	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - CROSS SECTIONS	SHEET 17 OF 21	
CB3478	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - CROSS SECTIONS	SHEET 18 OF 21	
CB3479	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - CROSS SECTIONS	SHEET 19 OF 21	
CB3480	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - CROSS SECTIONS	SHEET 20 OF 21	
CB3481	WASCO-SHAFTER BYPASS SUBSECTION - ALIGNMENT WS2 - CROSS SECTIONS	SHEET 21 OF 21	

ALIGNMENT B1 - BAKERSFIELD URBAN SUBSECTION

CB0764	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6800+11 TO 7431+00 - KEY MAP	SHEET 1 OF 35	PART NO.
CB0765	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6800+11 TO 6828+00 - PLAN AND PROFILE	SHEET 2 OF 35	
CB0766	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6828+00 TO 6856+00 - PLAN AND PROFILE	SHEET 3 OF 35	
CB0767	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6856+00 TO 6884+00 - PLAN AND PROFILE	SHEET 4 OF 35	
CB0768	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6884+00 TO 6912+00 - PLAN AND PROFILE	SHEET 5 OF 35	
CB0769	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6912+00 TO 6940+00 - PLAN AND PROFILE	SHEET 6 OF 35	
CB0770	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6940+00 TO 6968+00 - PLAN AND PROFILE	SHEET 7 OF 35	
CB0771	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6968+00 TO 6996+00 - PLAN AND PROFILE	SHEET 8 OF 35	
CB0772	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 6996+00 TO 7024+00 - PLAN AND PROFILE	SHEET 9 OF 35	
CB0773	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7024+00 TO 7052+00 - PLAN AND PROFILE	SHEET 10 OF 35	
CB0774	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7052+00 TO 7080+00 - PLAN AND PROFILE	SHEET 11 OF 35	
CB0775	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7080+00 TO 7108+00 - PLAN AND PROFILE	SHEET 12 OF 35	
CB0776	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7108+00 TO 7136+00 - PLAN AND PROFILE	SHEET 13 OF 35	
CB0777	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7136+00 TO 7164+00 - PLAN AND PROFILE	SHEET 14 OF 35	
CB0778	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7164+00 TO 7192+00 - PLAN AND PROFILE	SHEET 15 OF 35	
CB0779	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7192+00 TO 7220+00 - PLAN AND PROFILE	SHEET 16 OF 35	
CB0780	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7220+00 TO 7234+00 - PLAN AND PROFILE	SHEET 17 OF 35	
CB0781	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7234+00 TO 7248+00 - PLAN AND PROFILE	SHEET 18 OF 35	
CB0782	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7248+00 TO 7262+00 - PLAN AND PROFILE	SHEET 19 OF 35	
CB0783	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7262+00 TO 7276+00 - PLAN AND PROFILE	SHEET 20 OF 35	
CB0784	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7276+00 TO 7290+00 - PLAN AND PROFILE	SHEET 21 OF 35	
CB0785	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7290+00 TO 7304+00 - PLAN AND PROFILE	SHEET 22 OF 35	
CB0786	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7304+00 TO 7332+00 - PLAN AND PROFILE	SHEET 23 OF 35	
CB0787	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7332+00 TO 7360+00 - PLAN AND PROFILE	SHEET 24 OF 35	
CB0788	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7360+00 TO 7388+00 - PLAN AND PROFILE	SHEET 25 OF 35	
CB0789	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7388+00 TO 7416+00 - PLAN AND PROFILE	SHEET 26 OF 35	
CB0790	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - STA. 7416+00 TO 7431+00 - PLAN AND PROFILE	SHEET 27 OF 35	
CB3701	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 28 OF 35	
CB3702	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 29 OF 35	
CB3703	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 30 OF 35	
CB3704	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 31 OF 35	
CB3705	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 32 OF 35	
CB3706	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 33 OF 35	
CB3707	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 34 OF 35	
CB3708	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B1 - CROSS SECTIONS	SHEET 35 OF 35	

ALIGNMENT B2 - BAKERSFIELD URBAN SUBSECTION

CB0791	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6799+52 TO 7427+00 - KEY MAP	SHEET 1 OF 35	PART No.
CB0792	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6799+52 TO 6828+00 - PLAN AND PROFILE	SHEET 2 OF 35	
CB0793	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6828+00 TO 6856+00 - PLAN AND PROFILE	SHEET 3 OF 35	
CB0794	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6856+00 TO 6884+00 - PLAN AND PROFILE	SHEET 4 OF 35	
CB0795	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6884+00 TO 6912+00 - PLAN AND PROFILE	SHEET 5 OF 35	
CB0796	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6912+00 TO 6940+00 - PLAN AND PROFILE	SHEET 6 OF 35	
CB0797	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6940+00 TO 6968+00 - PLAN AND PROFILE	SHEET 7 OF 35	
CB0798	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6968+00 TO 6996+00 - PLAN AND PROFILE	SHEET 8 OF 35	
CB0799	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6996+00 TO 7024+00 - PLAN AND PROFILE	SHEET 9 OF 35	
CB0800	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7024+00 TO 7052+00 - PLAN AND PROFILE	SHEET 10 OF 35	
CB0801	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7052+00 TO 7080+00 - PLAN AND PROFILE	SHEET 11 OF 35	
CB0802	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7080+00 TO 7108+00 - PLAN AND PROFILE	SHEET 12 OF 35	
CB0803	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7108+00 TO 7136+00 - PLAN AND PROFILE	SHEET 13 OF 35	
CB0804	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7136+00 TO 7164+00 - PLAN AND PROFILE	SHEET 14 OF 35	
CB0805	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7164+00 TO 7192+00 - PLAN AND PROFILE	SHEET 15 OF 35	
CB0806	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7192+00 TO 7220+00 - PLAN AND PROFILE	SHEET 16 OF 35	
CB0807	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7220+00 TO 7234+00 - PLAN AND PROFILE	SHEET 17 OF 35	
CB0808	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7234+00 TO 7248+00 - PLAN AND PROFILE	SHEET 18 OF 35	
CB0809	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7248+00 TO 7266+00 - PLAN AND PROFILE	SHEET 19 OF 35	

CB0791	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 6799+52 TO 7427+00 - KEY MAP	SHEET 1 OF 36	PART NO
CB0810	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7262+00 TO 7276+00 - PLAN AND PROFILE	SHEET 20 OF 35	
CB0811	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7276+00 TO 7290+00 - PLAN AND PROFILE	SHEET 21 OF 35	
CB0812	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7290+00 TO 7304+00 - PLAN AND PROFILE	SHEET 22 OF 35	
CB0813	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7304+00 TO 7332+00 - PLAN AND PROFILE	SHEET 23 OF 35	
CB0814	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7332+00 TO 7360+00 - PLAN AND PROFILE	SHEET 24 OF 35	
CB0815	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7360+00 TO 7388+00 - PLAN AND PROFILE	SHEET 25 OF 35	
CB0816	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7388+00 TO 7416+00 - PLAN AND PROFILE	SHEET 26 OF 35	
CB0817	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - STA. 7416+00 TO 7427+00 - PLAN AND PROFILE	SHEET 27 OF 35	
CB3801	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 28 OF 35	
CB3802	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 29 OF 35	
CB3803	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 30 OF 35	
CB3804	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 31 OF 35	
CB3805	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 32 OF 35	
CB3806	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 33 OF 35	
CB3807	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 34 OF 35	
CB3808	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B2 - CROSS SECTIONS	SHEET 35 OF 35	

ALIGNMENT B3 - BAKERSFIELD URBAN SUBSECTION

CB0830	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6799+52 TO 7430+50 - KEY MAP	SHEET 1 OF 31	PART NO
CB0831	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6799+52 TO 6828+00 - PLAN AND PROFILE	SHEET 2 OF 31	
CB0832	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6828+00 TO 6856+00 - PLAN AND PROFILE	SHEET 3 OF 31	
CB0833	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6856+00 TO 6884+00 - PLAN AND PROFILE	SHEET 4 OF 31	
CB0834	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6884+00 TO 6912+00 - PLAN AND PROFILE	SHEET 5 OF 31	
CB0835	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6912+00 TO 6940+00 - PLAN AND PROFILE	SHEET 6 OF 31	
CB0836	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6940+00 TO 6968+00 - PLAN AND PROFILE	SHEET 7 OF 31	
CB0837	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6968+00 TO 6996+00 - PLAN AND PROFILE	SHEET 8 OF 31	
CB0838	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 6996+00 TO 7024+00 - PLAN AND PROFILE	SHEET 9 OF 31	
CB0839	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7024+00 TO 7052+00 - PLAN AND PROFILE	SHEET 10 OF 31	
CB0840	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7052+00 TO 7080+00 - PLAN AND PROFILE	SHEET 11 OF 31	
CB0841	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7080+00 TO 7108+00 - PLAN AND PROFILE	SHEET 12 OF 31	
CB0842	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7108+00 TO 7136+00 - PLAN AND PROFILE	SHEET 13 OF 31	
CB0843	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7136+00 TO 7164+00 - PLAN AND PROFILE	SHEET 14 OF 31	
CB0844	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7164+00 TO 7192+00 - PLAN AND PROFILE	SHEET 15 OF 31	
CB0845	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7192+00 TO 7220+00 - PLAN AND PROFILE	SHEET 16 OF 31	
CB0846	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7220+00 TO 7248+00 - PLAN AND PROFILE	SHEET 17 OF 31	
CB0847	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7248+00 TO 7262+00 - PLAN AND PROFILE	SHEET 18 OF 31	
CB0848	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7262+00 TO 7276+00 - PLAN AND PROFILE	SHEET 19 OF 31	
CB0849	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7276+00 TO 7290+00 - PLAN AND PROFILE	SHEET 20 OF 31	
CB0850	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7290+00 TO 7304+00 - PLAN AND PROFILE	SHEET 21 OF 31	
CB0851	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7304+00 TO 7332+00 - PLAN AND PROFILE	SHEET 22 OF 31	
CB0852	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7332+00 TO 7360+00 - PLAN AND PROFILE	SHEET 23 OF 31	
CB0853	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7360+00 TO 7388+00 - PLAN AND PROFILE	SHEET 24 OF 31	
CB0854	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7388+00 TO 7416+00 - PLAN AND PROFILE	SHEET 25 OF 31	
CB0855	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - STA 7416+00 TO 7430+50 - PLAN AND PROFILE	SHEET 26 OF 31	
CB3820	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - CROSS SECTIONS	SHEET 27 OF 31	
CB3821	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - CROSS SECTIONS	SHEET 28 OF 31	
CB3822	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - CROSS SECTIONS	SHEET 29 OF 31	
CB3823	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - CROSS SECTIONS	SHEET 30 OF 31	
CB3824	BAKERSFIELD URBAN SUBSECTION - ALIGNMENT B3 - CROSS SECTIONS	SHEET 31 OF 31	

A

AB	AGGREGATE BASE
ABC	ASBESTOS BONDED BITUMINOUS COATED
ABM	AIR-BLOWN MORTAR
ABN	ABANDON
ABUT	ABUTMENT
AC	ASPHALT CONCRETE
ACB	ASPHALT CONCRETE BASE
ACP	ASBESTOS CEMENT PIPE
ADL	ADDED DEAD LOAD
ADJ	ADJUST
AFES	ALTERNATIVE FLARED END SECTION
AHD	AHEAD
ALT	ALTERNATE
AM	TIME FROM MIDNIGHT TO NOON
AP	ALTERNATIVE PIPE
APC	ALTERNATIVE PIPE CULVERT
APPROX	APPROXIMATE
APU	ALTERNATIVE PIPE UNDERDRAIN
ARS	ACCELERATION RESPONSE SPECTRUM
AR	ACCESS RESTRICTION
AS	AGGREGATE SUBBASE
ASRP	ALUMINUM SPIRAL RIB PIPE
ASSY	ASSEMBLY
ATPB	ASPHALT TREATED PERMEABLE BASE
ATPM	ASPHALT TREATED PERMEABLE MATERIAL
AVE	AVENUE
Avg	AVERAGE
@	AT

B

BAGR	BRIDGE APPROACH GUARD RAILING
BB	BEGINNING OF BRIDGE
BC	BEGIN HORIZONTAL CURVE
BCC	BALANCED CANTILEVER CONSTRUCTION
BCR	BEGIN CURB RETURN
BEG	BEGIN
BIT CTD	BITUMINOUS COATED
BK	BACK
BKF	BACKFILL
BLDG	BUILDING
BLM	BRIDGE-LOG MILE
BLVD	BOULEVARD
BM	BENCH MARK
BND	BOUND
BNSF	BURLINGTON NORTH & SANTA FE
BOT	BOTTOM
BR	BRIDGE
BRG	BEARING
BTU	BRITISH THERMAL UNIT
BVC	BEGIN VERTICAL CURVE
BW	BARBED WIRE

C

CAA	CABLE ANCHOR ASSEMBLY
CAP	CORRUGATED ALUMINUM PIPE
CAPA	CORRUGATED ALUMINUM PIPE ARCH
CAS	CONSTRUCTION AREA SIGN
CB	CONCRETE BARRIER
CBW	CONCRETE BLOCK WALL
C-C	CENTER TO CENTER

E	EAST, EASTING
EA	ACTUAL SUPERELEVATION
EU	UNBALANCED SUPERELEVATION

C CONTINUED

CHSRA	CALIFORNIA HIGH SPEED RAIL AUTHORITY
CHST	CALIFORNIA HIGH SPEED TRAIN
CHSR	CALIFORNIA HIGH SPEED RAIL
CG	CENTER OF GRAVITY
CHNL	CHANNEL
CI	CAST IRON
CIDH	CAST-IN-DRILLED-HOLE
CIP, C-I-P	CAST-IN-PLACE, CAST IRON PIPE
CIPCP	CAST IN PLACE CONCRETE PIPE
CISS	CAST-IN-STEEL-SHELL
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE, CLASS
CL2	CLASS 2
CL-6	CHAIN LINK FENCE (6 FT)
CLR	CLEAR, CLEARANCE
CM	CORRUGATED METAL
CMP	CORRUGATED METAL PIPE
CO	COUNTY
COL	COLUMN
CONC	CONCRETE
COND	CONDUIT
CONN	CONNECTOR
CONST	CONSTRUCT, CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
CP	CLEARANCE POINT
CR	GREEK
CRCP	CONTINUOUS REINFORCED CONCRETE PAVEMENT
CRSP	CONCRETED ROCK SLOPE PROTECTION
CS	CURVE TO SPIRAL
CSP	CORRUGATED STEEL PIPE
CSPA	CORRUGATED STEEL PIPE ARCH
CTB	CEMENT TREATED BASE
CTPB	CEMENT TREATED PERMEABLE BASE
CTPM	CEMENT TREATED PERMEABLE MATERIAL
CTRS	CENTERS
CVFPB	CENTRAL VALLEY FLOOD PROTECTION BOARD
CULV	CULVERT
€	CENTERLINE

D

D	DEPTH
DD	DOWNDRAIN, DIRECTIVE DRILLING
DBL	DOUBLE
DEG	DEGREE
DEL	DELINEATOR
DET	DETAIL, DETOUR
DF	DOUGLAS FIR
DI	DRAINAGE INLET, DROP INLET
DIA	DIAMETER
DIAPH	DIAPHRAGM
DIST	DISTANCE, DISTRICT
DMBB	DOUBLE METAL BEAM BARRIER
DR	DRIVE
DTBB	DOUBLE THRIE BEAM BARRIER
DWY	DRIVeway

E

E	EAST, EASTING
EA	ACTUAL SUPERELEVATION
EU	UNBALANCED SUPERELEVATION

E CONTINUED

EASE	EASEMENT
EB	END OF BRIDGE, EASTBOUND
EC	END HORIZONTAL CURVE
ECR	END CURB RETURN
ED	EDGE DRAIN
EDC	EDGE DRAIN CLEANOUT
EDO	EDGE DRAIN OUTLET
EDV	EDGE DRAIN VENT
ELEC	ELECTROLIER
ELECT	ELECTRIC
ELEV	ELEVATION
EMB	EMBANKMENT
ENGR	ENGINEER
EOD	EDGE OF DECK
EP	EDGE OF PAVEMENT
EQ	EQUATION, EQUAL
ES	EDGE OF SHOULDER
ETW	EDGE OF TRAVELED WAY
EVC	END VERTICAL CURVE
EW	ENDWALL
EXC	EXCAVATION
EXIST, EX.	EXISTING
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXWY	EXPRESSWAY
EXT	EXTERIOR

F

F & C	FRAME AND COVER
F & G	FRAME AND GRATE
FB	FLOOR BEAM
F-B	FRESNO TO BAKERSFIELD
FDN	FOUNDATION
FEBT	FACING EASTBOUND TRAFFIC
FES	FLARED END SECTION
FF	FILTER FABRIC
FG	FINISHED GRADE
FH	FIRE HYDRANT
FIG	FIGURE
FL	FLOW LINE
FNBT	FACING NORTHBOUND TRAFFIC
FOC	FACE OF CONCRETE
FR RD	FRONTAGE ROAD
FS	FAR SIDE, FINISHED SURFACE
FSBT	FACING SOUTHBOUND TRAFFIC
FT	FOOT, FEET
FTG	FOOTING
FWBT	FACING WESTBOUND TRAFFIC
FWY	FREWAY
FPLM	FULL SPAN PRECAST
	LAUNCHING METHOD

G

G	ACCELERATION DUE TO GRAVITY
GA	GAGE
GALV	GALVANIZED
GP	GRADING PLANE
GR	GUARD RAILING
GSP	GALVANIZED STEEL PIPE
GTR	GUTTER

H

H	HEIGHT
HR	HOUR
HD	HORIZONTAL DRAIN
HDWL	HEADWALL
HEX HD	HEXAGONAL HEAD
HMA	HOT MIXED ASPHALT
HORIZ	HORIZONTAL
HP	HINGE POINT, HORSEPOWER
HPS	HIGH PERFORMANCE STEEL
HS	HIGH STRENGTH
HST	HIGH SPEED TRAIN
HSR	HIGH SPEED RAIL
HW	HEADWALL, HIGH WATER
HWM	HIGH WATER MARK
HWY	HIGHWAY

I

IB	IMPORTED BORROW
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN	INCH, INCHES
INT	INTERIOR
INV	INVERT
IRR	IRRIGATION

J

JCT	JUNCTION
JP	JOINT POLE
JPCP	JOINED PLAIN CONCRETE PAVEMENT
JS	JUNCTION STRUCTURE
JT	JOINT

K

K	DISTANCE TO ACHIEVE 1% GRADE CHANGE
L	LENGTH
LAT	LATITUDE
LCB	LEAN CONCRETE BASE
LN	LANE
LOC	LOCATION
LONG	LONGITUDE
LONGIT	LONGITUDINAL
LS	LENGTH OF SPIRAL
LC	LENGTH OF CURVE

P CONTINUED

PRF	PAVEMENT REINFORCING FABRIC
PRVC	POINT OF REVERSE VERTICAL CURVE
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES
PS, P/S	PRESTRESSED, PARALLEL STATION
PSP	PERFORATED STEEL PIPE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVP	MAINTENANCE VEHICLE PULLOUT

Q

OTY	QUANTITY
	R
R	RADIUS
R & D	REMOVE AND DISPOSE
R & S	REMOVE AND SALVAGE
R/C	RATE OF CHANGE
RCA	REINFORCED CONCRETE ARCH
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
RD	ROAD
REINF	REINFORCED, REINFORCEMENT,
REINF	REINFORCING
REL	RELOCATE
REPL	REPLACEMENT
RET	RETAINING
REV	REVISED
RDWY	ROADWAY
RM	ROAD-MIXED
RP	RADIUS POINT, REFERENCE POINT
RR	RAILROAD
RSP	ROCK SLOPE PROTECTION
RT	RIGHT
RTE	ROUTE
RW	REDWOOD, RETAINING WALL
R/W, ROW	RIGHT OF WAY
RWY	RAILWAY

S

S	SOUTH, SUPPLEMENT
SAE	STRUCTURE APPROACH EMBANKMENT
SALV	SALVAGE
SAPP	STRUCTURAL ALUMINUM PLATE PIPE
SB	SOUTHBOUND
SC	SPIRAL TO CURVE
SCSP	SLOTTED CORRUGATED STEEL PIPE
SD	STORM DRAIN
SEC	SECOND
SECT	SECTION
SEP	SEPARATION
SG	SUBGRADE
SHLD	SHOULDER
SHT	SHEET
SIM	SIMILAR
S	STATION LINE
SM	SELECTED MATERIAL
SPEC	SPECIAL, SPECIFICATIONS
SPP	SLOTTED PLASTIC PIPE
SS	SLOPE STAKE, SPIRAL TO SPIRAL

S CONTINUED

SSBM	STRAP AND SADDLE BRACKET METHOD
SSD	STRUCTURAL SECTION DRAIN
SSPA	STRUCTURAL STEEL PLATE ARCH
SSPP	STRUCTURAL STEEL PLATE PIPE
SSPPA	STRUCTURAL STEEL PLATE PIPE ARCH
SSRP	STEEL SPIRAL RIB PIPE
SR	STATE ROUTE
ST	STREET, SPIRAL TO TANGENT
STA	STATION
STBB	SINGLE THRIE BEAM BARRIER
STD	STANDARD
STR	STRUCTURE
SRS	STAND ALONE RADIO SITE
SURF	SURFACING
SW	SIDEWALK, SOUND WALL
SWR	SEWER
SWS	SWITCHING STATION
SYM	SYMMETRICAL
S4S	SURFACE 4 SIDES
SJVR	SAN JOAQUIN VALLEY RAILROAD

T

T	SEMI-TANGENT
TAB	TABLET
TAN	TANGENT
TBB	THRIE BEAM BARRIER
TBR	TIMBER
TC	TOP OF CURB, TANGENT TO CURVE
TCB	TRAFFIC CONTROL BOX
TEL	TELEPHONE
TEMP	TEMPORARY
TG	TOP OF GRADE
TOT	TOTAL
TM	TECHNICAL MEMORANDUM
TP	TELEPHONE POLE
TPB	TREATED PERMEABLE BASE
TPM	TREATED PERMEABLE MATERIAL
TPSS	TRACTION POWER SUPPLY STATION
TRANS	TRANSITION, TRANSVERSE
TS	TRAFFIC SIGNAL, TUBULAR STEEL, TANGENT TO SPIRAL
TYP	TYPICAL
TOR	TOP OF RAIL

U

UC	UNDERCROSSING
UD	UNDERDRAIN
UON	UNLESS OTHERWISE NOTED
UP	UNDERPASS
UPRR	UNION PACIFIC RAILROAD
USFWS	UNITED STATES FISH AND WILDLIFE SERVICE

V

V	VALVE, DESIGN SPEED
VAR	VARIABLE
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
VIA	VIADUCT
VOL	VOLUME

W

W	WEST,
	WIDTH
WB	WESTBOUND
WH	WEEP HOLE
WM	WIRE MESH
WS	WATER SURFACE
WSP	WELDED STEEL PIPE
WT	WEIGHT
WV	WATER VALVE
WW	WINGWALL
WWOL	WINGWALL LAYOUT LINE
W/	WITH

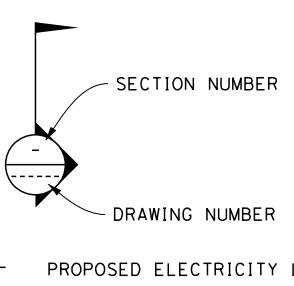
X

X SEC	CROSS SECTION
XING	CROSSING

Y

YR	YEAR
YRS	YEARS

LEGEND



DRAWING NUMBER

- E— PROPOSED ELECTRICITY LINE
- e— EXISTING ELECTRICITY LINE
- e—(oh) EXISTING OVERHEAD ELECTRICITY LINE
- E—(OH) PROPOSED OVERHEAD ELECTRICITY LINE
- — — PROPOSED HST RIGHT OF WAY
- — — PROPOSED HST TRACK CENTERLINE
- ▲— RETAINING WALL
- — — TOE OF SLOPE / TOP OF CUT

CONTROL LINE EXAMPLE "A" LINE

255+00 260+00 265+00

OR

— — —

TRACK (PLAN AND ELEVATION)

— — —

TRACK TO BE REMOVED

AND RELOCATED PER BNSF

— — —

REMOVE BASE & SURFACING

— — —

SOUND BARRIER (POTENTIAL)

— — —

DIRECTION OF FLOW

▽

WATER SURFACE

DIRECTION OF TRAFFIC

1

LINE DATA

□

POINT OF MINIMUM VERTICAL CLEARANCE

●

ROAD CLOSURE (ROADWAYS)

CURVE DATA (ALIGNMENTS)

①

③

CURVE DATA (STRUCTURES)

○

EXISTING HIGH VOLTAGE

TOWER FOOTPRINT

OG / ORIGINAL GROUND

WINGWALL

HEADWALL

ENDWALL

BB 123+50.00

EB 135+50.00

BRIDGE STRUCTURE

APPROACH SLAB

(SEE STRUCTURAL PLANS)

\$FILE\$

\$TIME\$

\$DATE\$

\$USER\$

					DESIGNED BY K. SEYMORE
					DRAWN BY P. TONKIN
					CHECKED BY D. HUNT
					IN CHARGE R. COFFIN
					DATE 12/31/13
REV	DATE	BY	CHK	APP	DESCRIPTION



CALIFORNIA
HIGH-SPEED TRAIN



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

GENERAL NOTES

1. TRACK PROFILE IS DESIGNED AS TOP OF THE LOW RAIL. VERTICAL CLEARANCE REQUIREMENTS ARE MEASURED FROM THE TOP OF THE HIGH RAIL ON SUPERELEVATED TRACK. THE CLEARANCE ENVELO

ALIGNMENT F1

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
1	220	21296.75	6.75	2.34	3000/2500	12747

ALIGNMENT M

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
2	250	70000	2.50	1.07	1200	1500
3	250	45000	3.75	1.81	1500	5364
4	250	45000	3.75	1.81	1500	3363
5	250	70000	2.50	1.07	1200	1486

ALIGNMENT H

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
6	250	29000	5.75	2.87	2000	19086
7	250	36500	4.25	2.60	1700	37009

ALIGNMENT HW

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
30	250	45000	3.75	1.81	1500	13826
31	250	28008.25	6.00	2.93	2500	4513

ALIGNMENT HW2

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
130	250	45000	3.75	1.81	1500	13827
131	250	45000	3.75	1.81	1500	10443

ALIGNMENT K1

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
32	250	28600	6.00	2.74	2500	4145
33	250	100000	1.50	1.00	1200	4694
34	250	85000	1.75	1.19	1200	1237
35	250	170000	1.00	0.47	1200	3692

ALIGNMENT K2

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
36	220	22008.25	6.00	2.80	1800	8446
37	250	45000	3.75	1.81	1600	6233

ALIGNMENT K3

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
40	250	28600	6.00	2.74	2500	9439
41	250	28600	6.00	2.74	2500	24733

ALIGNMENT K4

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
8	250	30500	5.50	2.70	2300	9796
9	250	30500	5.50	2.70	2300	26096

ALIGNMENT K5

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
133	250	100000	1.50	1.00	1200	26432
134	250	85000	1.75	1.19	1200	1237
135	250	170000	0.00	1.47	1200	3692

ALIGNMENT K6

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
137	250	60000	2.75	1.42	1200	20392
138	250	60000	2.75	1.42	1200	3800

ALIGNMENT C1

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
50	250	140000	0.75	1.04	1200	3807
51	250	66000	2.25	1.54	1200	1188
52	250	80000	2.00	1.13	900	2655
53	250	80000	2.00	1.13	900	2708

ALIGNMENT C2

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
10	250	33000	5.00	2.58	2000	6870
11	250	32000	5.25	2.56	2100	15313
12	250	41000	4.00	2.10	1600	9735

ALIGNMENT C3

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
60	250	315000	0.00	0.79	1200	1215
61	250	116500				

ALIGNMENT P

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
13	250	2000000	0.00	0.13	0	1999

ALIGNMENT A1

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
14	250	50500	3.50	1.45	1400	21393
15	250	45000	3.75	1.81	1500	25440.83
16	250	45000	3.75	1.81	1500	29556/22710

ALIGNMENT A2

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
70	250	45000	3.75	1.81	1500	10257.35
71	250	45000	3.75	1.81	1500	11168.36

ALIGNMENT L1

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
16	250	45000	3.75	1.81	1500	29556

ALIGNMENT L2

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
16	250	45000	3.75	1.81	1500	22710
92	250	45000	3.75	1.81	1500	15689

ALIGNMENT L4

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
111	250	45000	3.75	1.81	1500	22536

ALIGNMENT WS1

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
17	220	22008.25	6.50	2.30	2100	15380
18	250	640000	0.00	0.39	1200	4007
19	250	50000	2.75	2.25	1200	2221
20	250	68000	2.50	1.18	1200	4447
21	250	69000	2.50	1.12	1200	1216

ALIGNMENT WS2

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
80	250	60000	3.00	1.17	1200	14392

ALIGNMENT B1

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
22	250	60000	2.75	1.42	1200	1200
23	220	19508.25	7.00	2.92	1714	17153
24	220	19508.25	7.00	2.92	1714	2676
25	220	30008.25	3.50	2.95	956	1291
26	220	20008.34	7.00	2.68	1720	5348

ALIGNMENT B2

CURVE No.	DESIGN SPEED (MPH)	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
100	250	60000	2.75	1.42	1200	1200
101	220	19508.25	7.00	2.92	1700	17086.93
102	220	19680	7.00	2.84	1692.55	2375
103	220	23508	5.50	2.74	1331.22	1432.02
104	220	33008	3.50	2.37	1050	2770.34
105	220	20008	7.00	2.68	1720.24	4097.46

ALIGNMENT B3

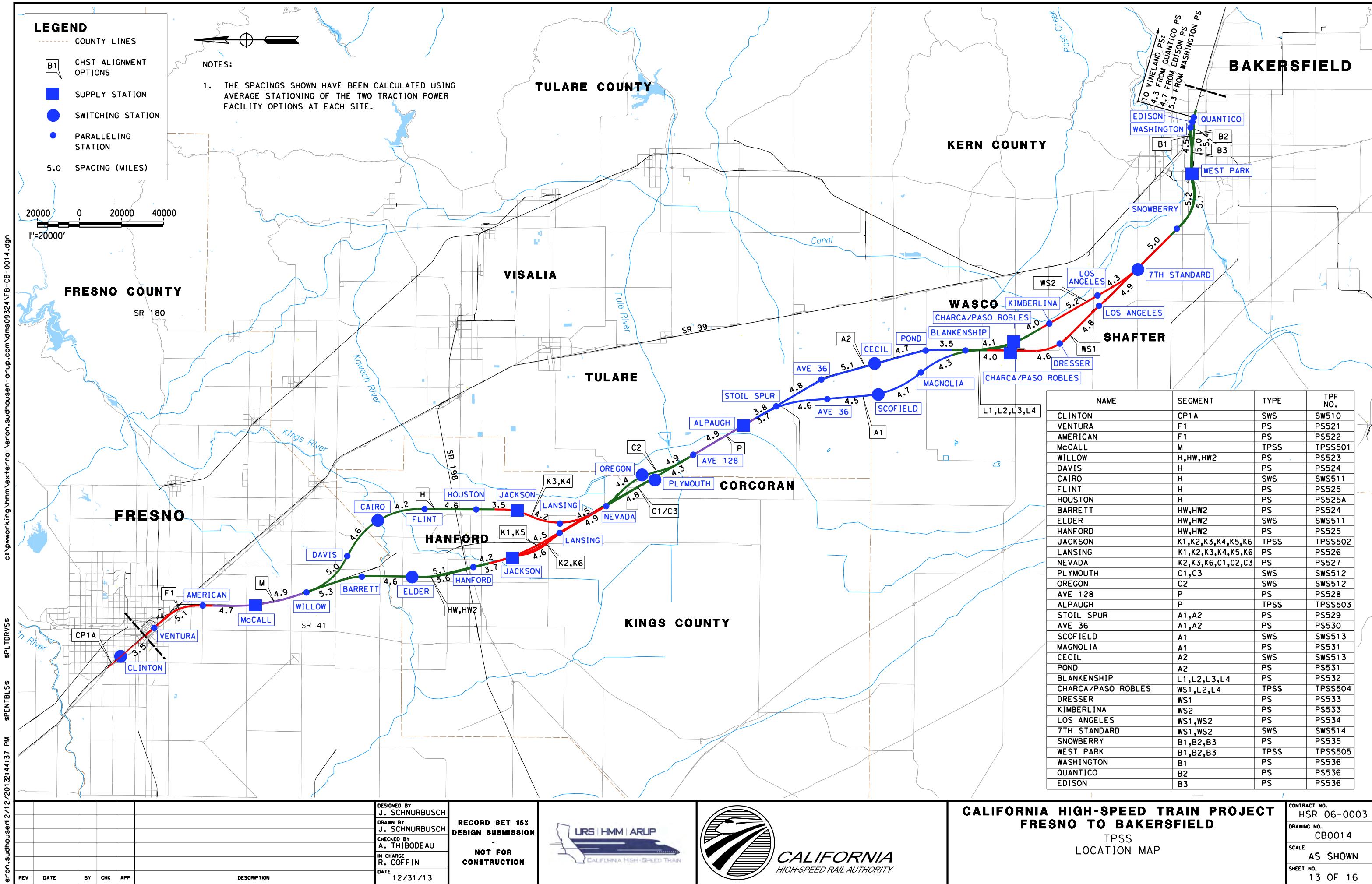
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120	250	60000	2.75	1.42	1200	1200
121	220	19508.25	7.00	2.92	1700	17087
122	220	19680	7.00	2.84	1700	2375
123	130	10108.25	3.75	2.94	640	1245
124	125	8108.25	4.75	2.96	780	1896
125	145	9500	6.00	2.85	1300	2842

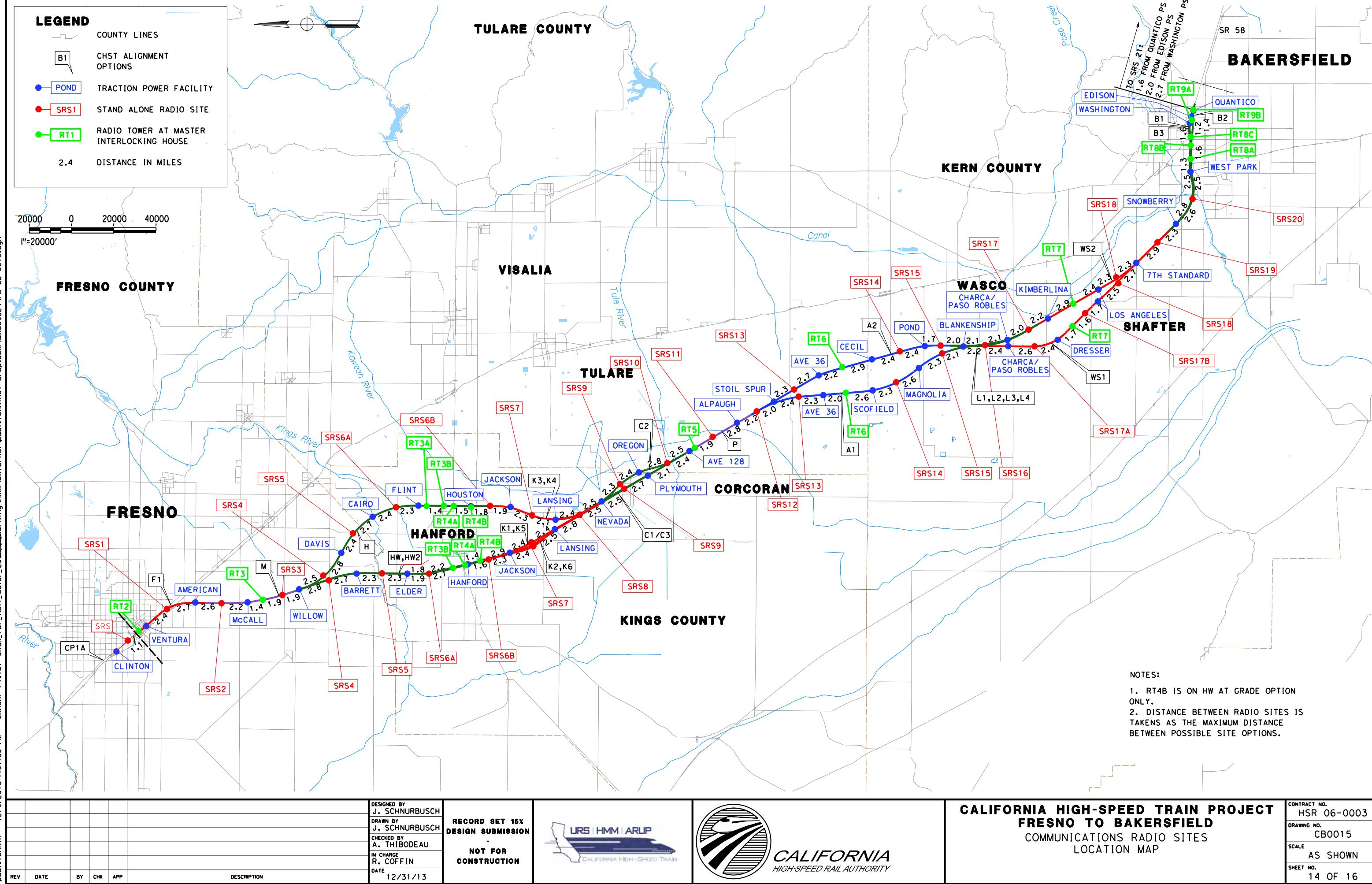
STANDARD STATION TRACK RETURN CURVE

DESIGN SPEED (MPH)	TOTAL LENGTH ALONG MAIN TRACK	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
110	1364.60	13500	1.25	2.34	160	320.21

B3 STATION TRACKS RETURN CURVE

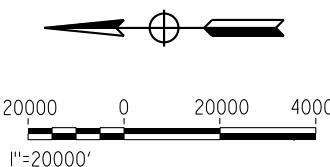
DESIGN SPEED (MPH)	TOTAL LENGTH ALONG MAIN TRACK	RADIUS (R) (FT)	ACTUAL SUPERELEVATION EA (IN)	UNBALANCED SUPERELEVATION EU (IN)	SPIRAL LENGTH LS (FT)	CURVE LENGTH LC (FT)
80	991.80	7000	1.25	2.41	120	222.24



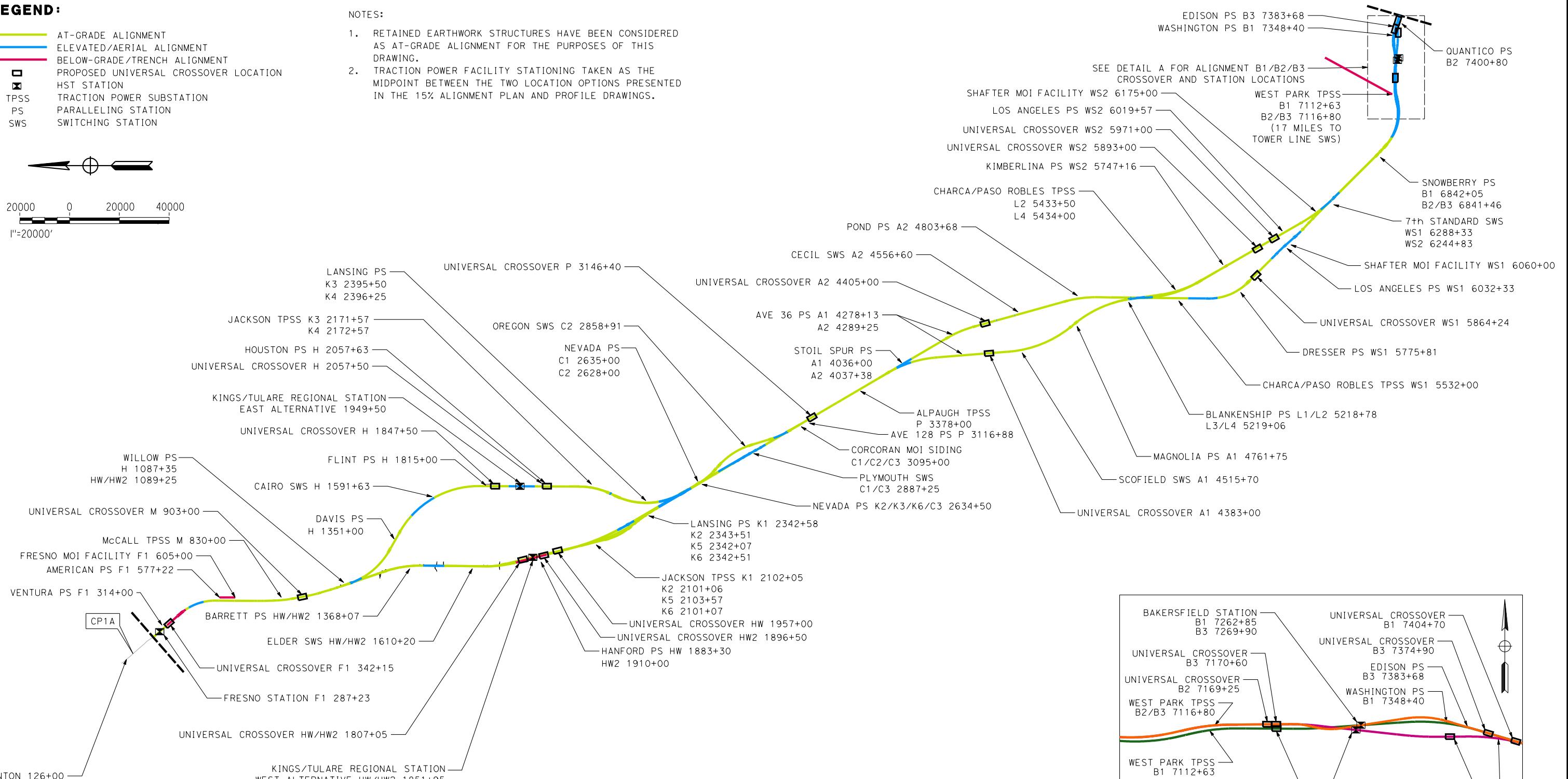


LEGEND:

- AT-GRADE ALIGNMENT
- ELEVATED/AERIAL ALIGNMENT
- BELOW-GRADE/TRENCH ALIGNMENT
- PROPOSED UNIVERSAL CROSSOVER LOCATION
- HST STATION
- TRACTION POWER SUBSTATION
- PARALLELING STATION
- SWITCHING STATION

**NOTES:**

1. RETAINED EARTHWORK STRUCTURES HAVE BEEN CONSIDERED AS AT-GRADE ALIGNMENT FOR THE PURPOSES OF THIS DRAWING.
2. TRACTION POWER FACILITY STATIONING TAKEN AS THE MIDPOINT BETWEEN THE TWO LOCATION OPTIONS PRESENTED IN THE 15% ALIGNMENT PLAN AND PROFILE DRAWINGS.



DETAIL A
ALIGNMENT B1/B2/B3 CROSSOVER AND STATION LOCATIONS
1"=10000'

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
TRACTION POWER FACILITY, CROSSOVER & STATION
LOCATION EXHIBIT

DESIGNED BY J. SCHNURBUSCH	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CONTRACT NO. HSR 06-0003
DRAWN BY J. SCHNURBUSCH	-			DRAWING NO. CB0017
CHECKED BY A. THIBODEAU	NOT FOR CONSTRUCTION			SCALE AS SHOWN
IN CHARGE R. COFFIN				SHEET NO. 16 OF 16
DATE 12/31/13	DESCRIPTION			
REV	DATE	BY	CHK	APP



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

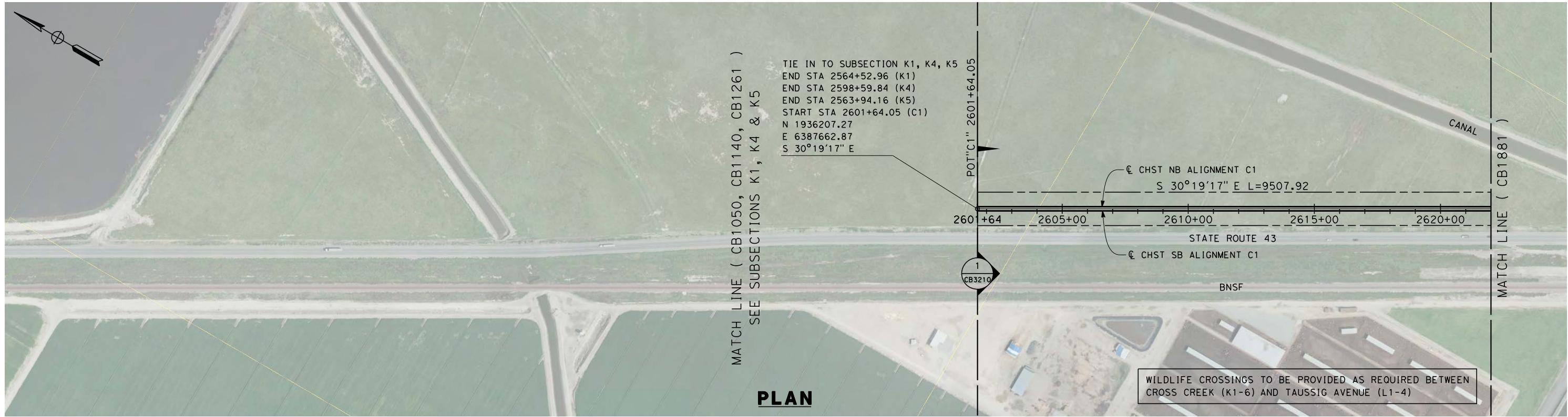
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

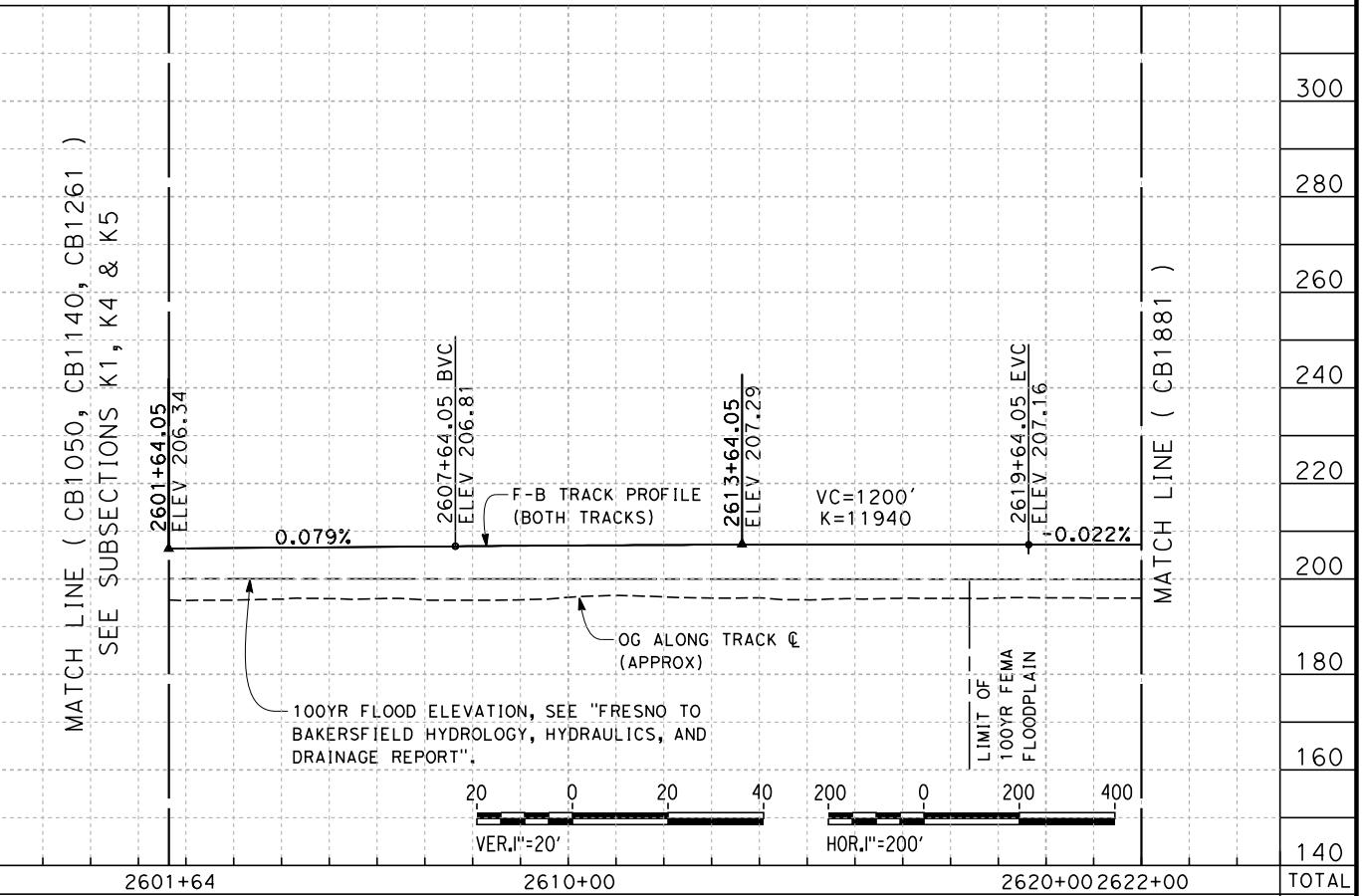


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA. 2601+64 TO 3096+00
KEY MAP

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1870
SCALE
AS SHOWN
SHEET NO.
1 OF 22



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

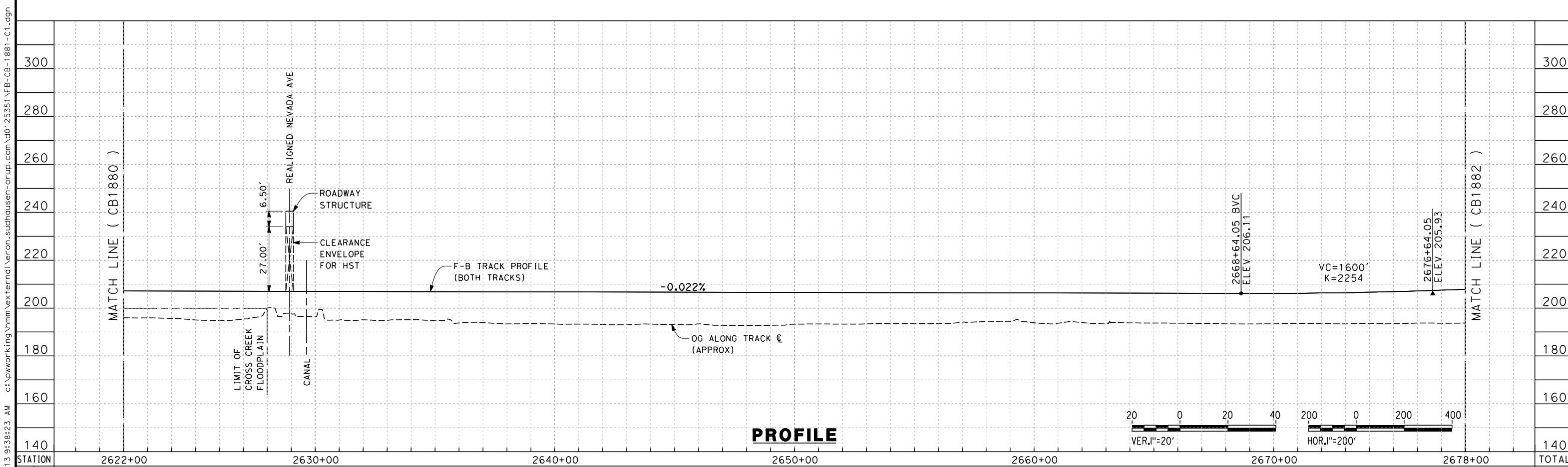
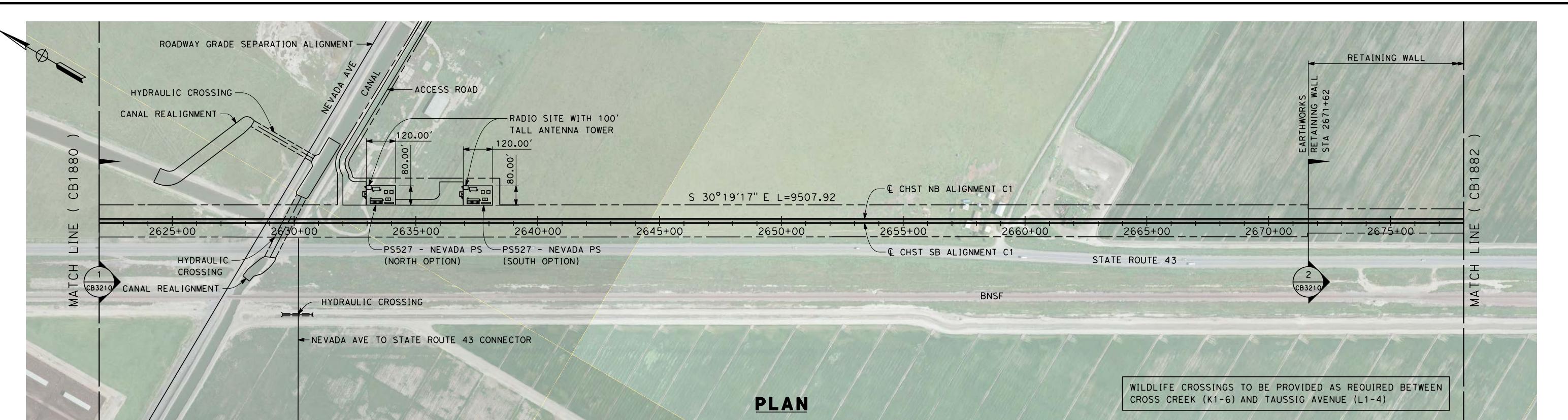
DESIGNED BY
E. RAYOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2601+64 TO 2622+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1880
SCALE
AS SHOWN
SHEET NO.
2 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

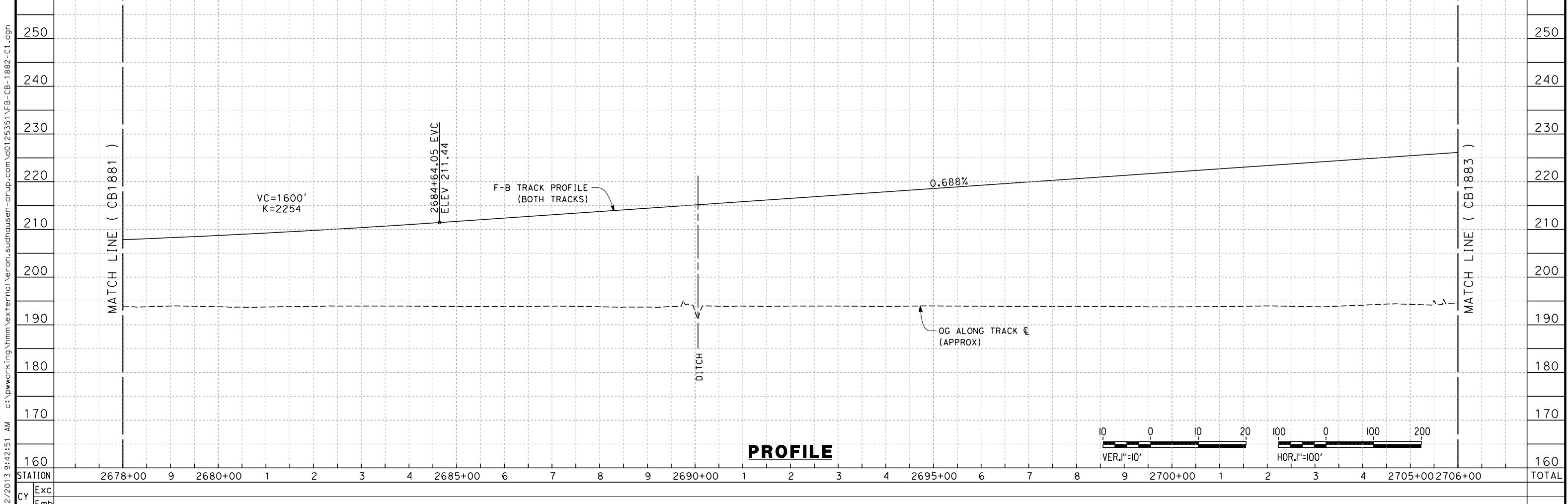
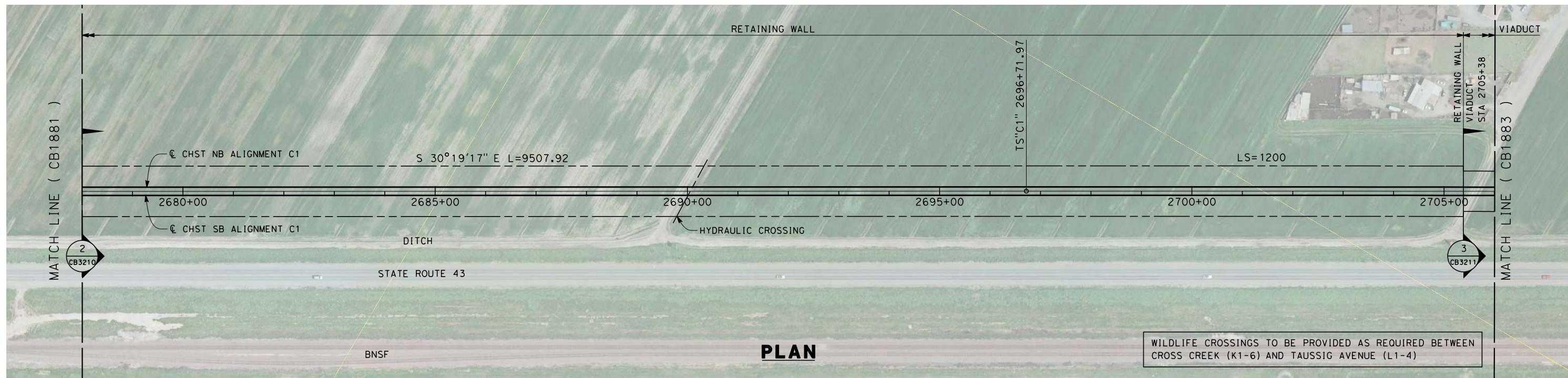
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2622+00 TO 2678+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1881
SCALE
AS SHOWN
SHEET NO.
3 OF 22



[REDACTED]					DESIGNED BY E. RAYNOR
					DRAWN BY P. TONKIN
					CHECKED BY K. SEYMOUR
					IN CHARGE R. COFFIN
REV.	DATE	BY	CHK	APP	DESCRIPTION
					DATE 12/31/11

RECORD SET 15%
DESIGN SUBMISSION

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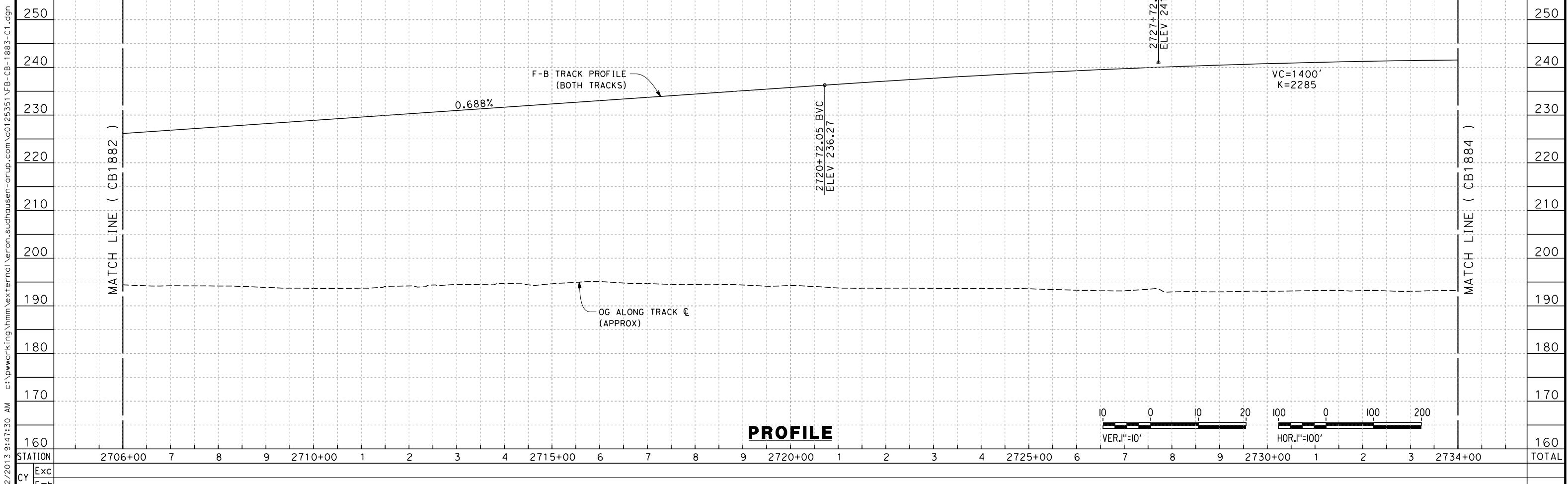
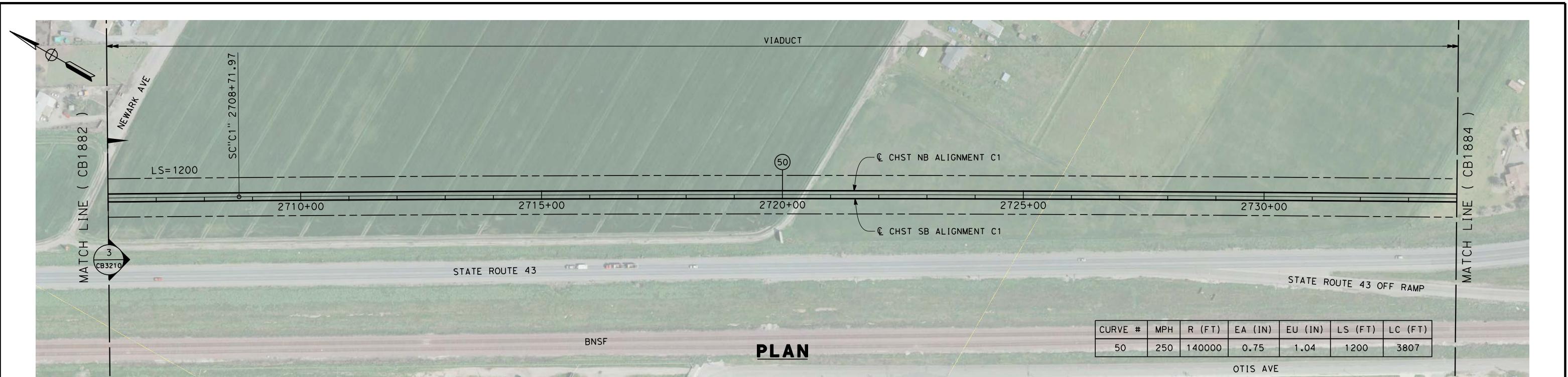
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

**CORCORAN SUBSECTION
ALIGNMENT C1
STA 2678+00 TO 2706+00
PLAN AND PROFILE**

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1882
SCALE
AS SHOWN
HEET NO.
4 OF 22



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REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13
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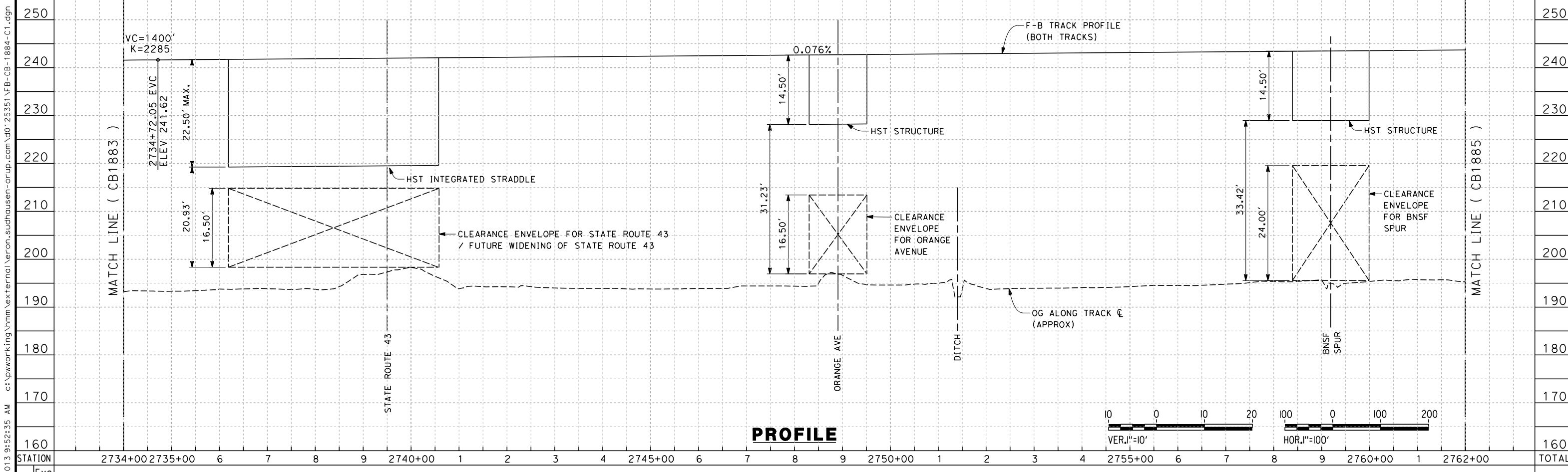
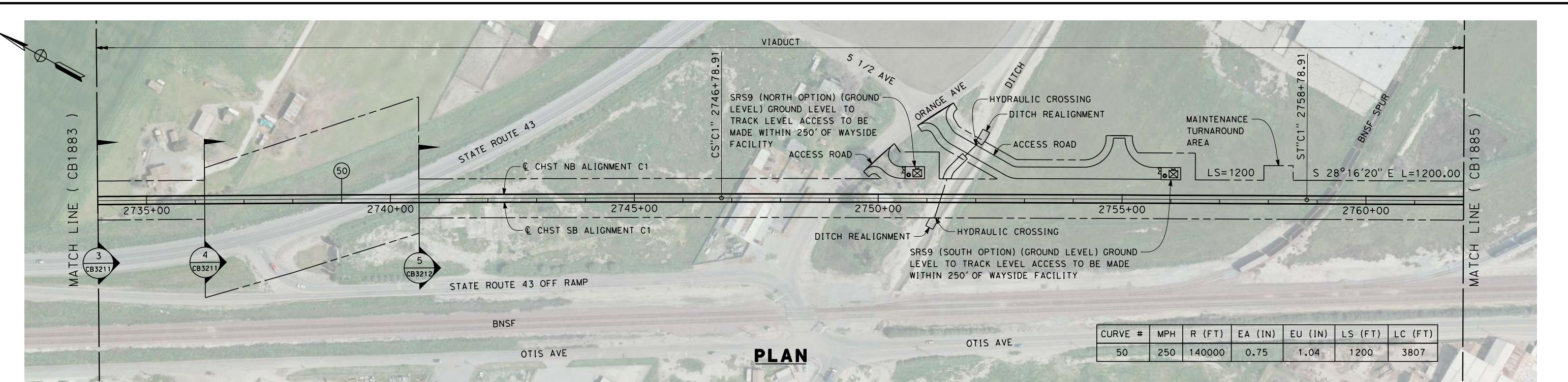
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2706+00 TO 2734+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1883
SCALE
AS SHOWN
SHEET NO.
5 OF 22



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DESIGNED BY E. RAYNOR	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP
DRAWN BY P. TONKIN	-	CALIFORNIA HIGH-SPEED TRAIN
CHECKED BY K. SEYMORE	NOT FOR CONSTRUCTION	CALIFORNIA HIGH-SPEED RAIL AUTHORITY
IN CHARGE R. COFFIN		
DATE 12/31/13		

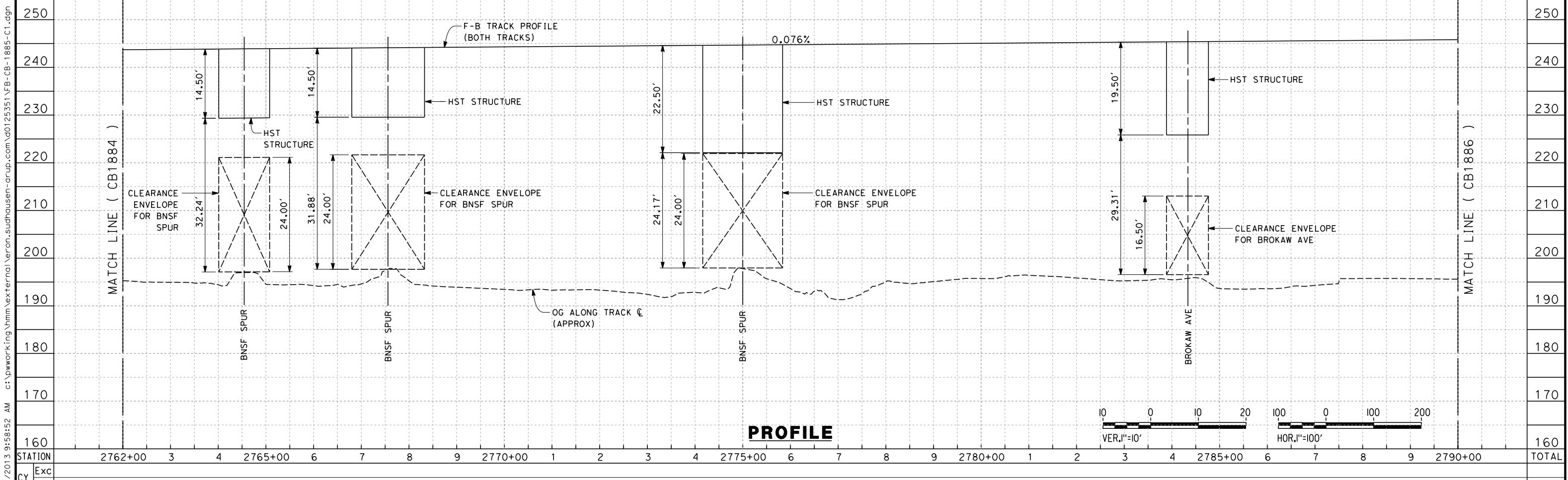
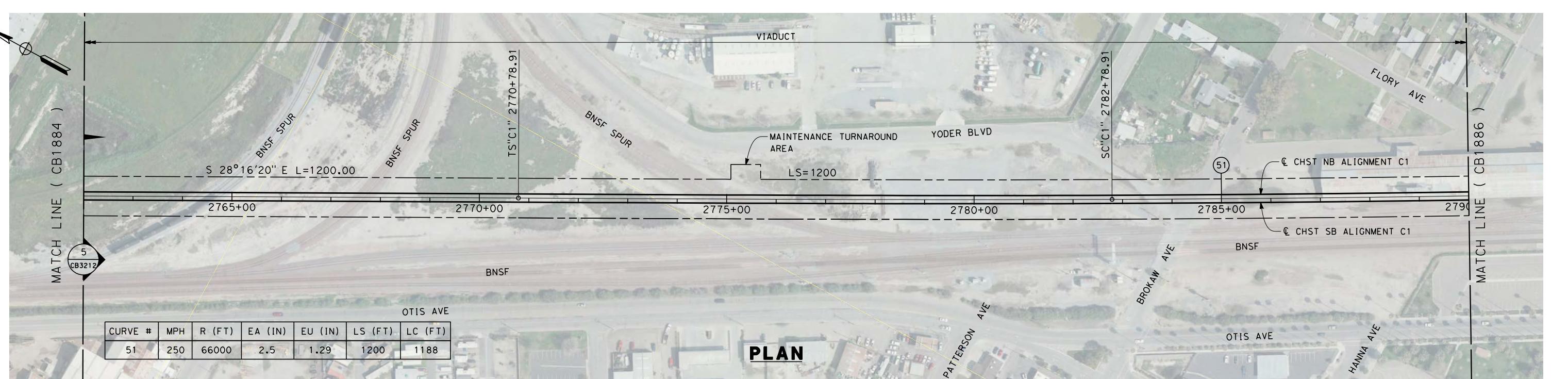
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2734+00 TO 2762+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003

DRAWING NO.
CB1884

SCALE
AS SHOWN

SHEET NO.
6 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

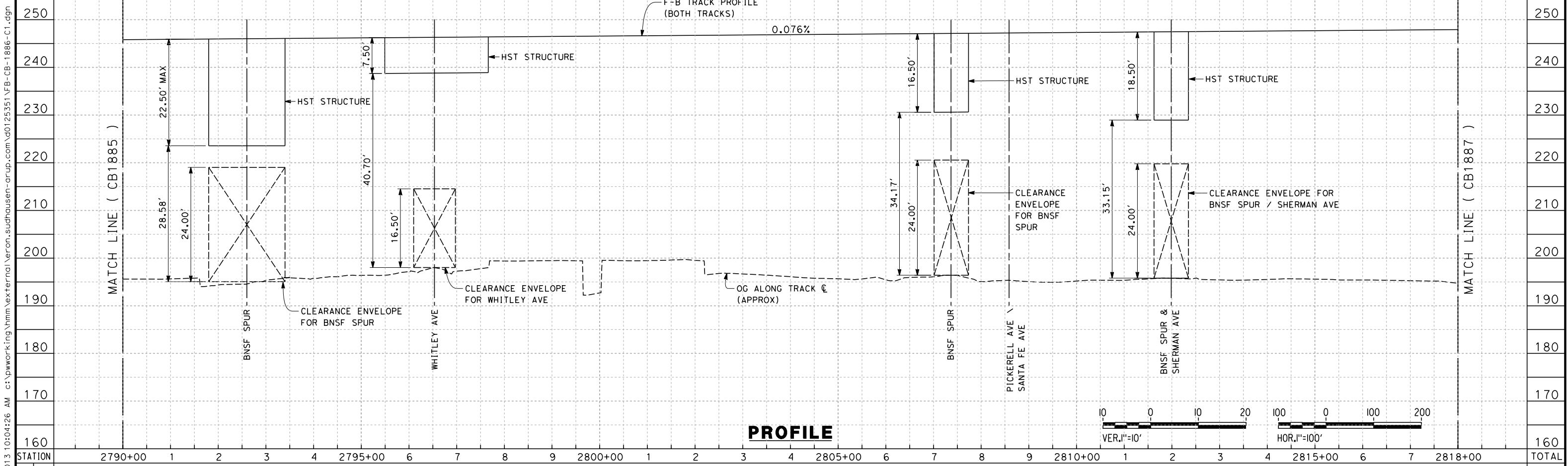
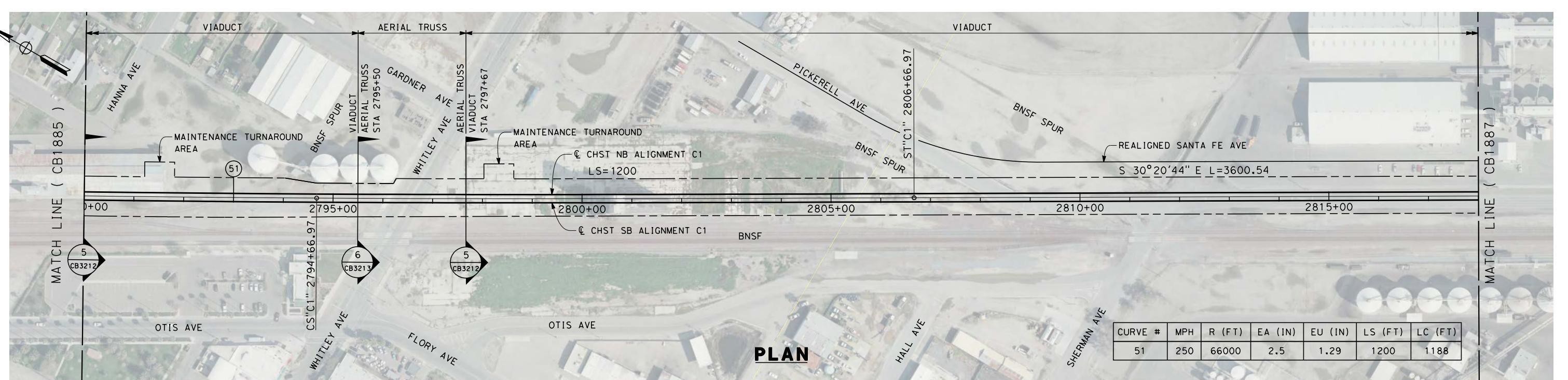
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2762+00 TO 2790+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1885
SCALE
AS SHOWN
SHEET NO.
7 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

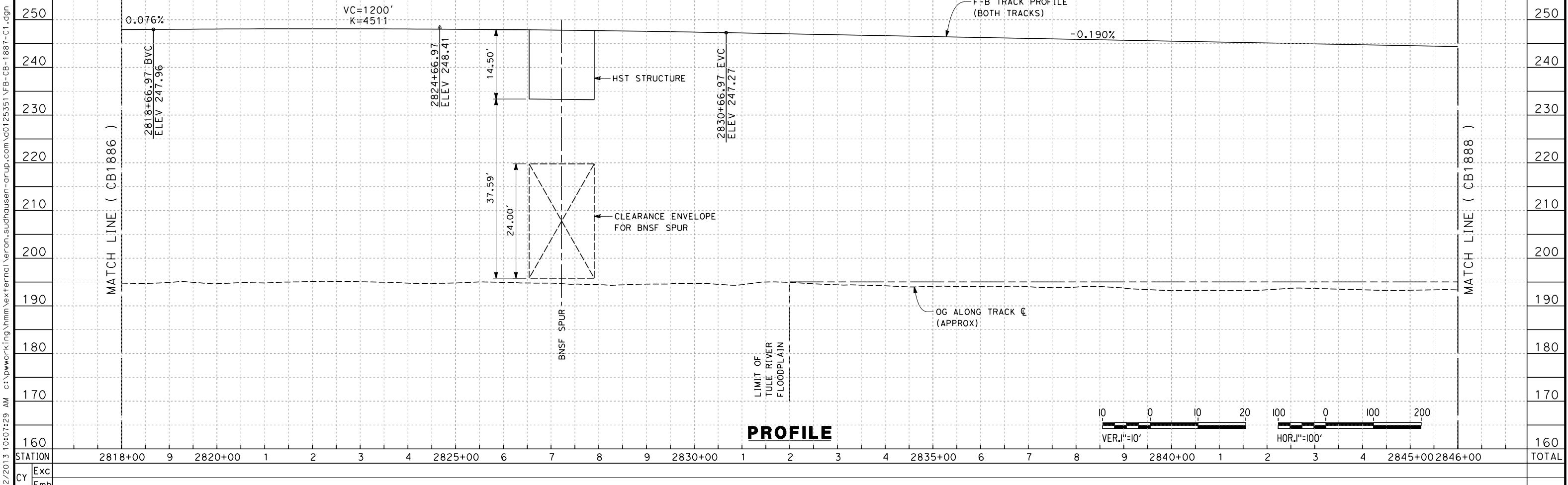
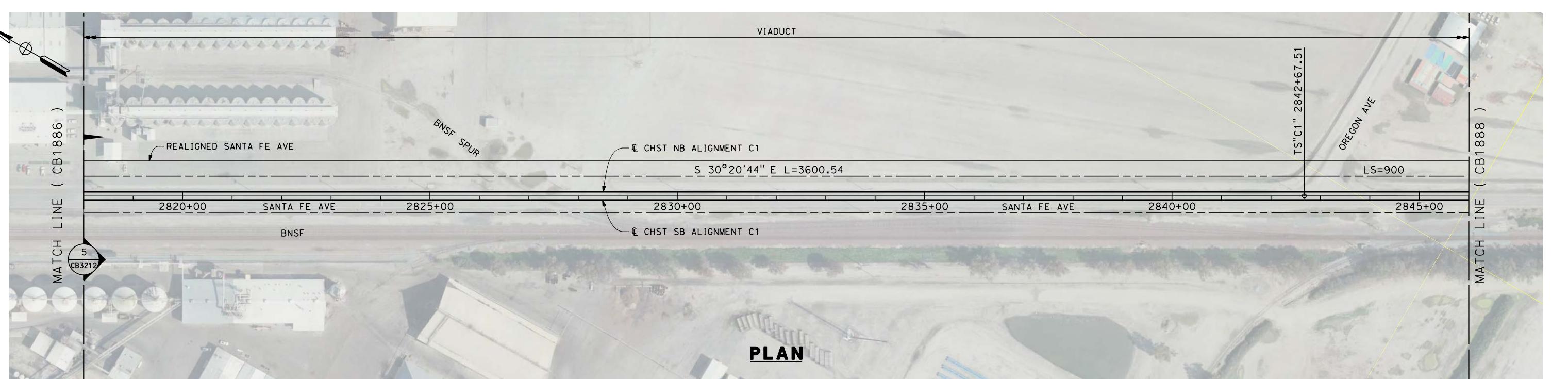
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2790+00 TO 2818+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1886
SCALE
AS SHOWN
SHEET NO.
8 OF 22

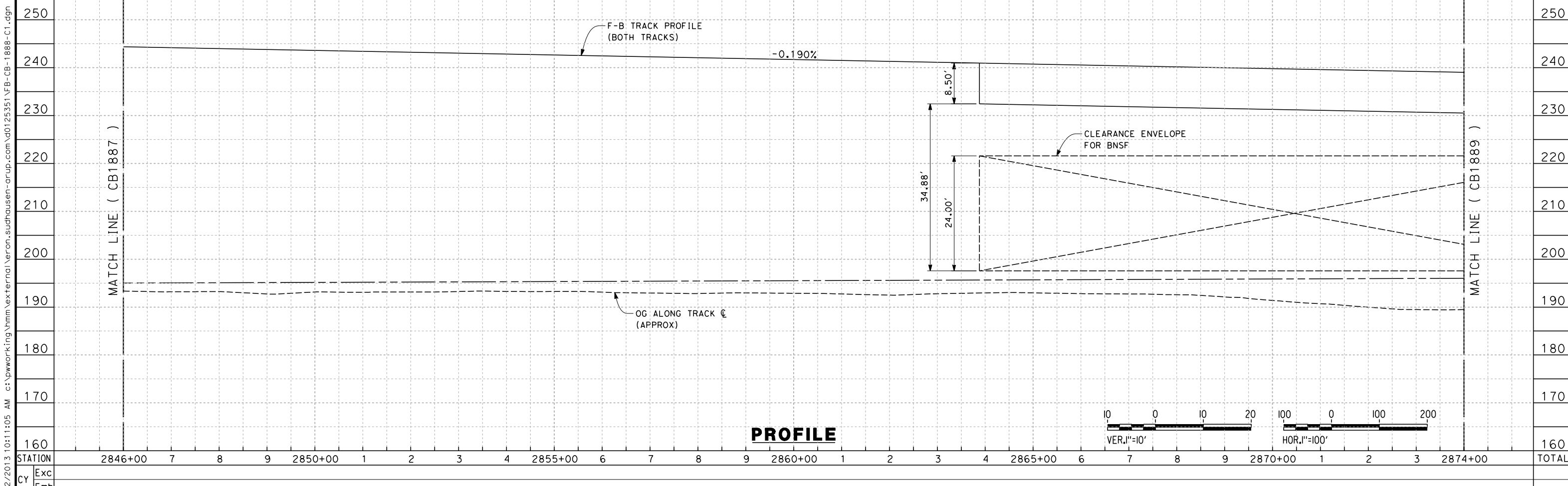
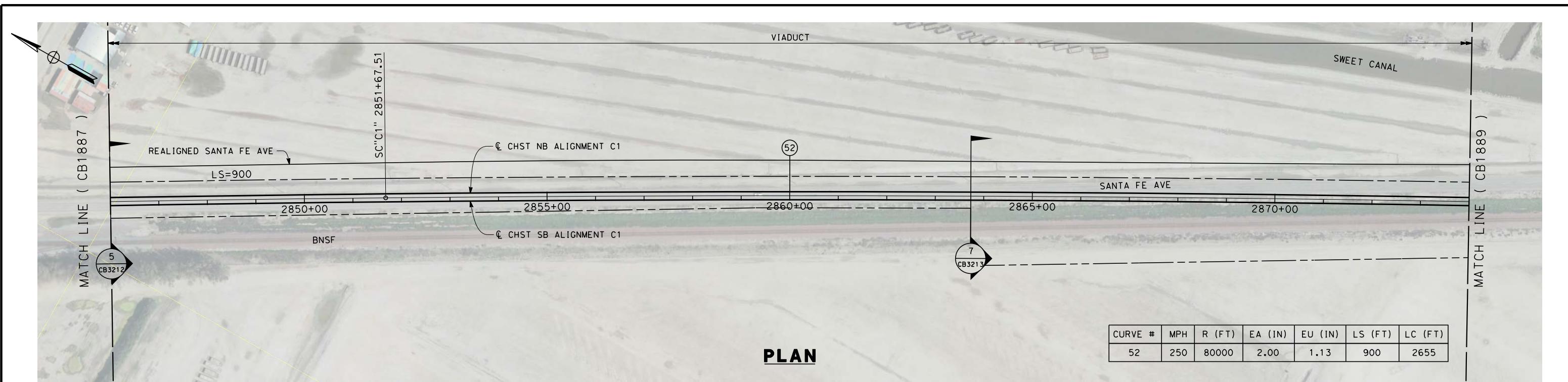


REV	DATE	BY	CHK	APP	DESCRIPTION	
					DESIGNED BY E. RAYNOR	DRAWN BY P. TONKIN
					CHECKED BY K. SEYMOUR	RECORD SET 15% DESIGN SUBMISSION
					IN CHARGE R. COFFIN	- NOT FOR CONSTRUCTION
					DATE 12/31/13	



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2818+00 TO 2846+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1887
SCALE
AS SHOWN
SHEET NO.
9 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

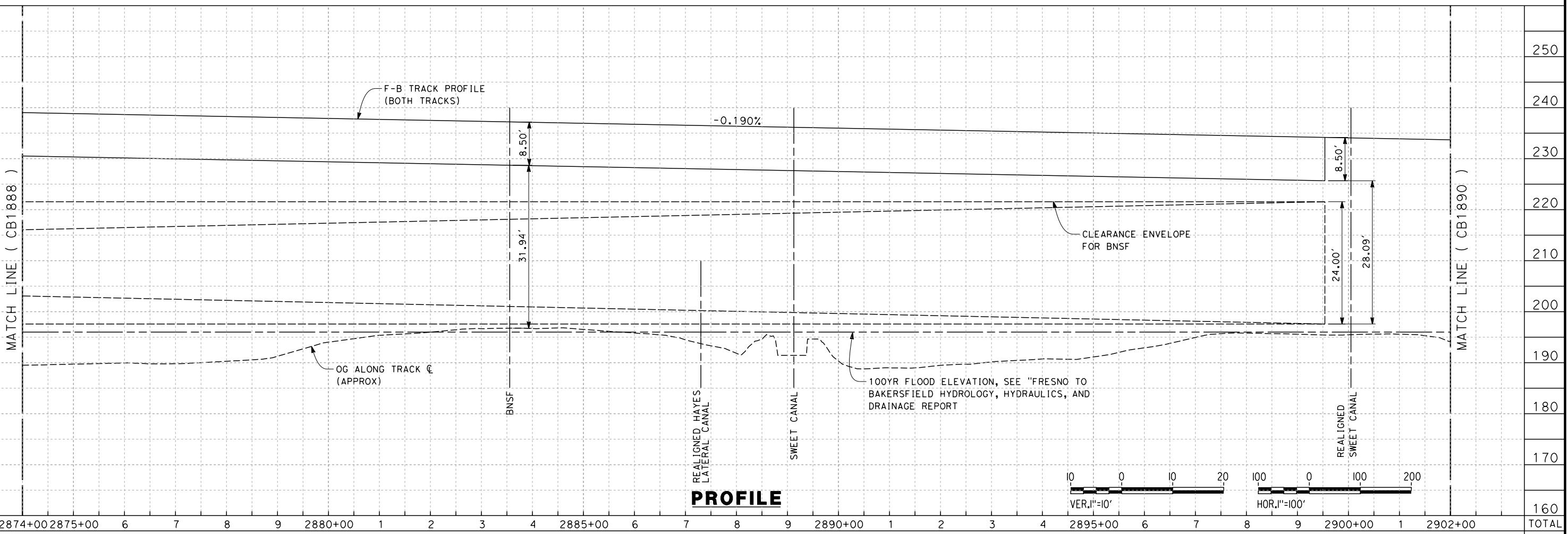
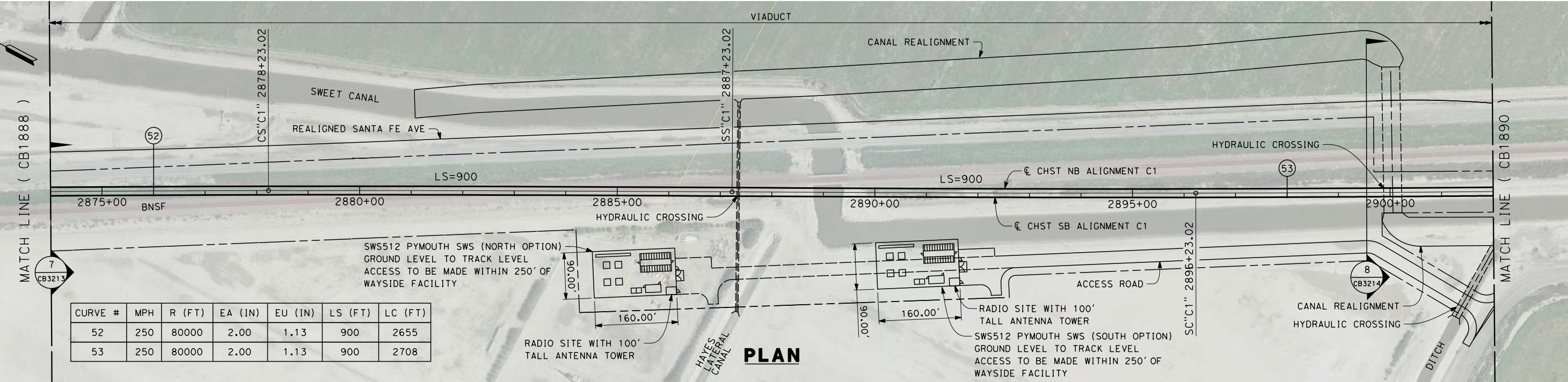
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMORE
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2846+00 TO 2874+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1888
SCALE
AS SHOWN
SHEET NO.
10 OF 22



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emma.raynor

MATCH LINE (CB1888)

REV DATE BY CHK APP DESCRIPTION

CS'C1" 2878+23.02

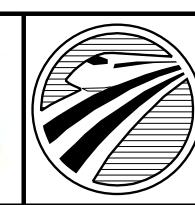
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CHECKED BY K. SEYMOUR

IN CHARGE R. COFFIN

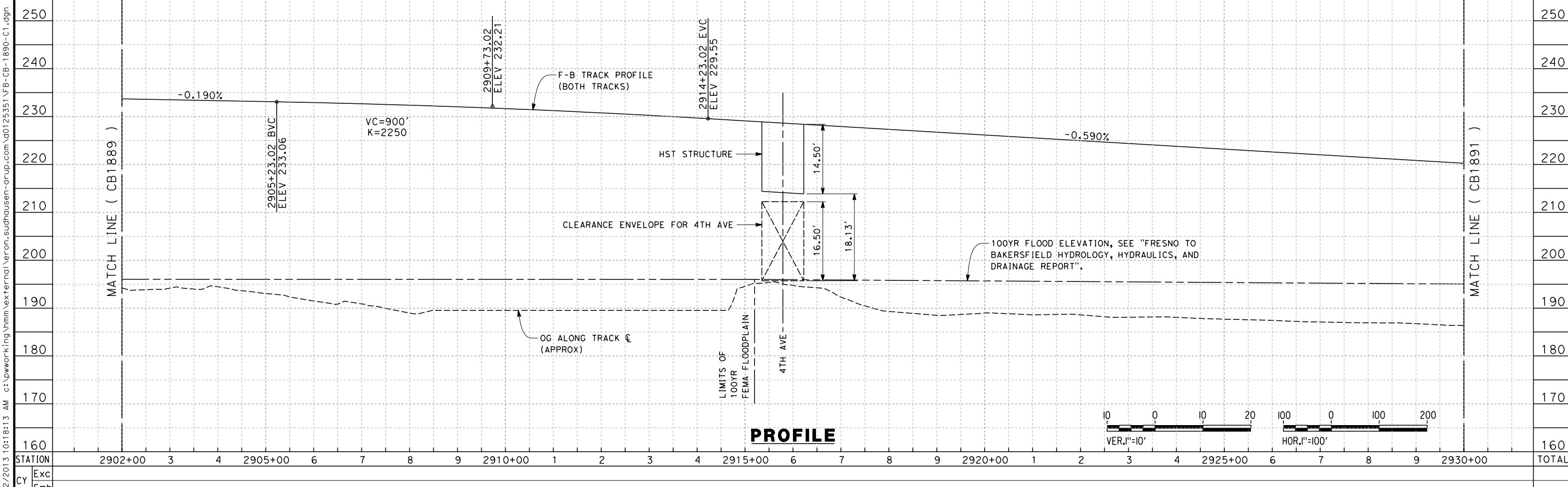
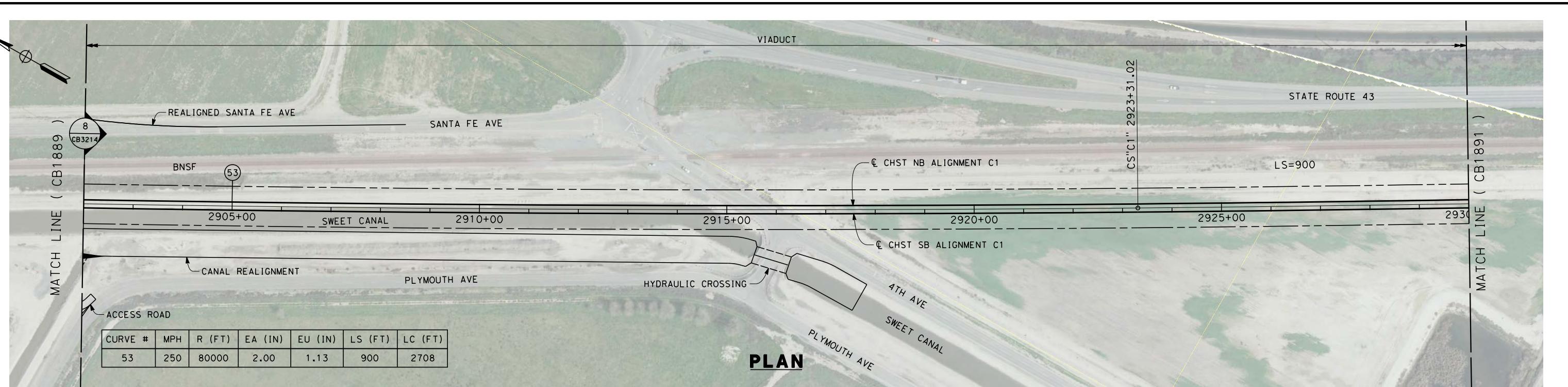
DATE 12/31/13

DESIGNED BY E. RAYNOR
RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2874+00 TO 2902+00
PLAN AND PROFILE

CONTRACT NO. HSR 06-0003
DRAWING NO. CB1889
SCALE AS SHOWN
SHEET NO. 11 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

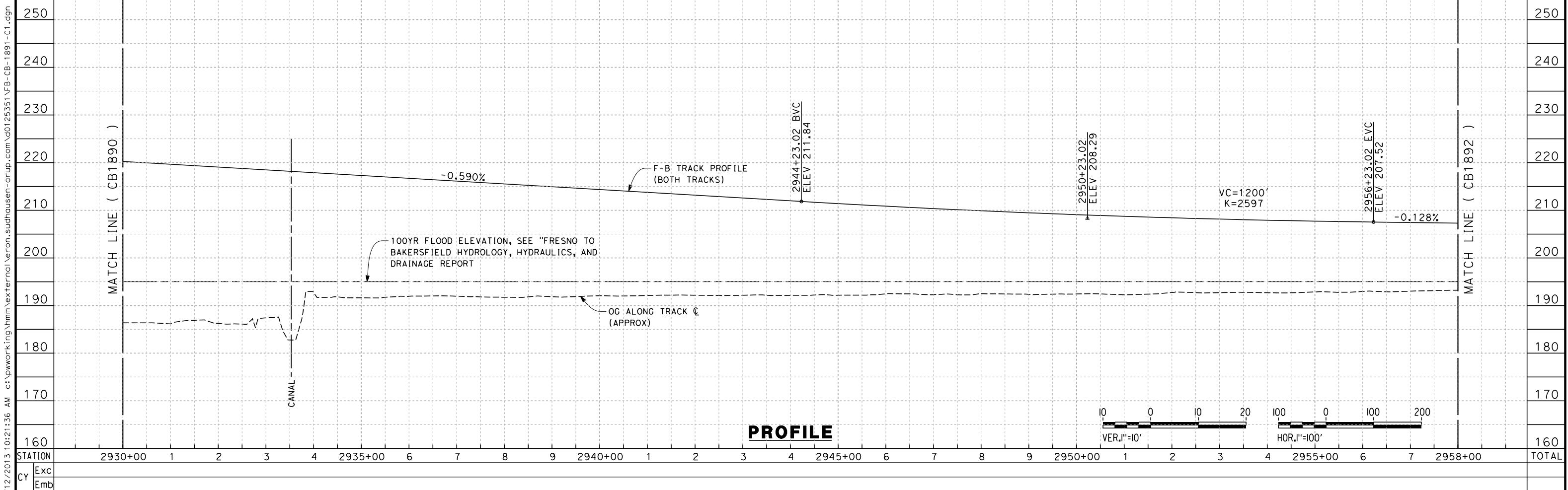
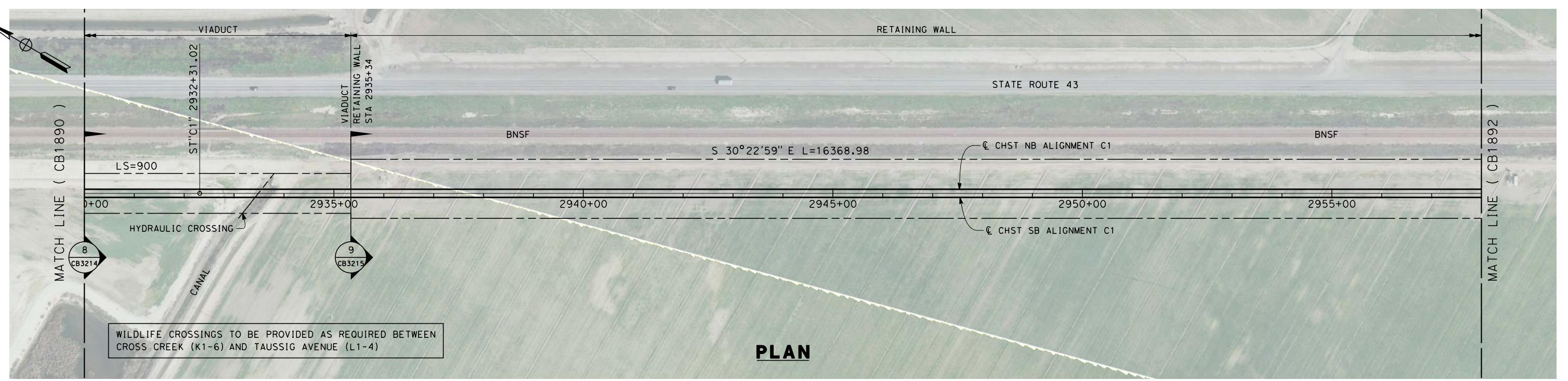
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

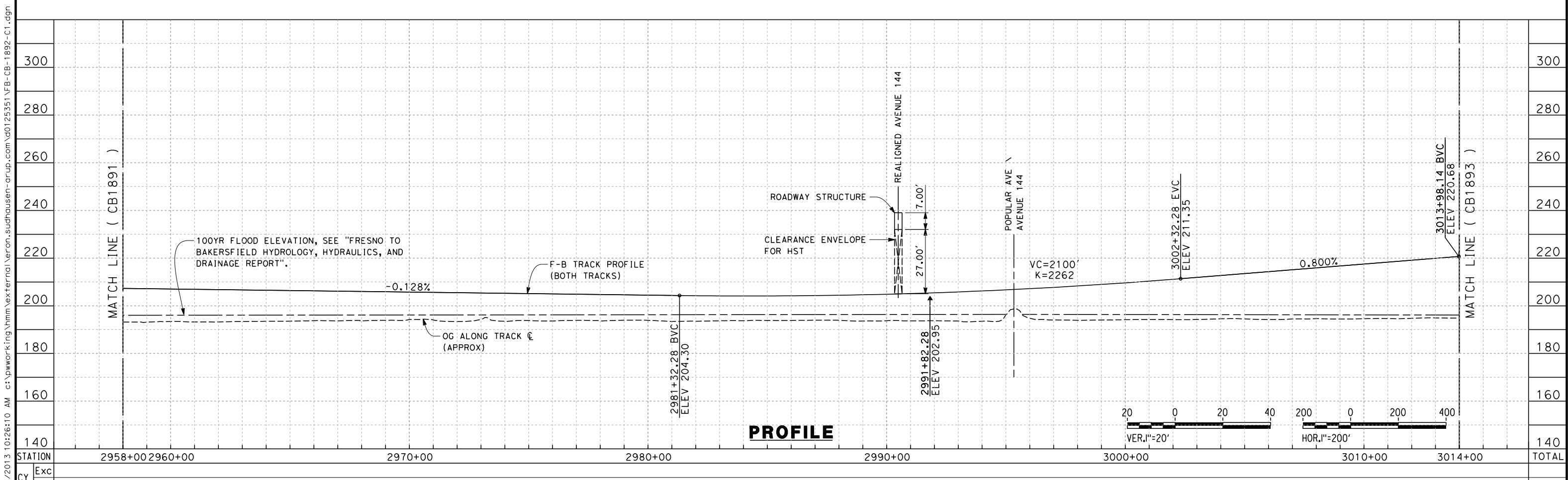
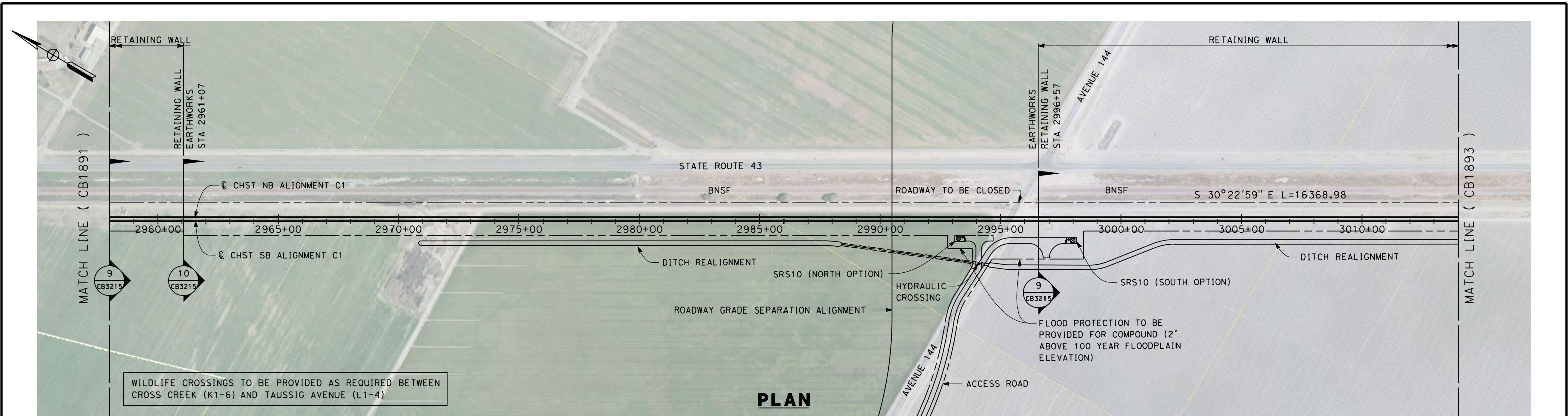


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2902+00 TO 2930+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1890
SCALE
AS SHOWN
SHEET NO.
12 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION	DESIGNED BY E. RAYNOR	DRAWN BY P. TONKIN	CHECKED BY K. SEYMOUR	IN CHARGE R. COFFIN	RECORD SET 15% DESIGN SUBMISSION - NOT FOR CONSTRUCTION	URS HMM ARUP CALIFORNIA HIGH-SPEED TRAIN	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN SUBSECTION ALIGNMENT C1 STA 2930+00 TO 2958+00 PLAN AND PROFILE	CONTRACT NO. HSR 06-003	DRAWING NO. CB1891	SCALE AS SHOWN	HEET NO. 13 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

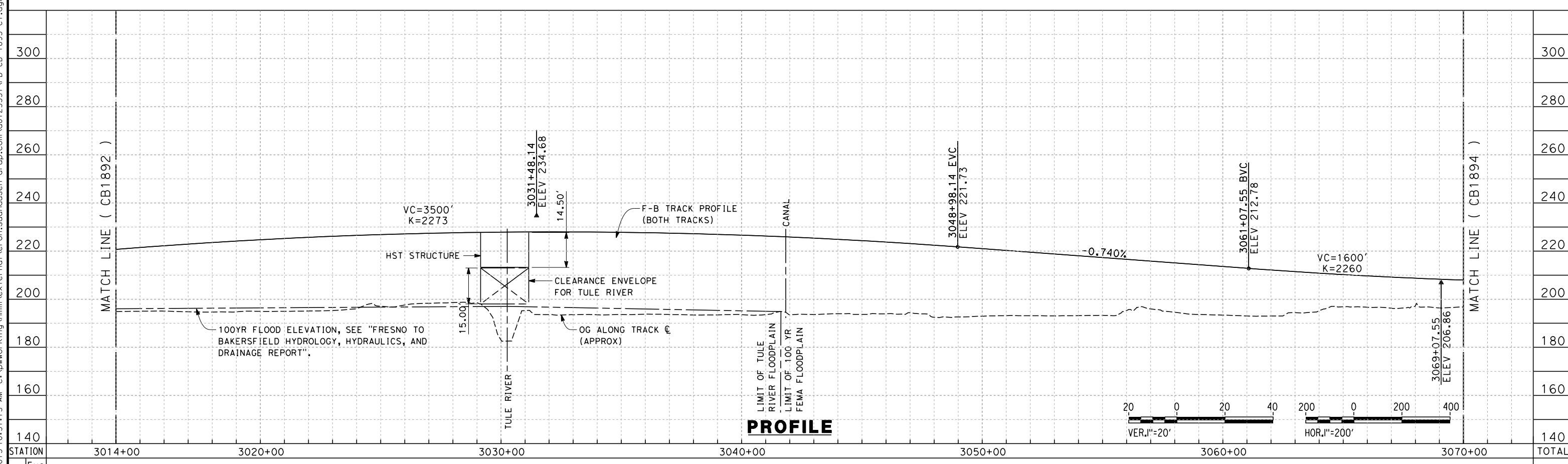
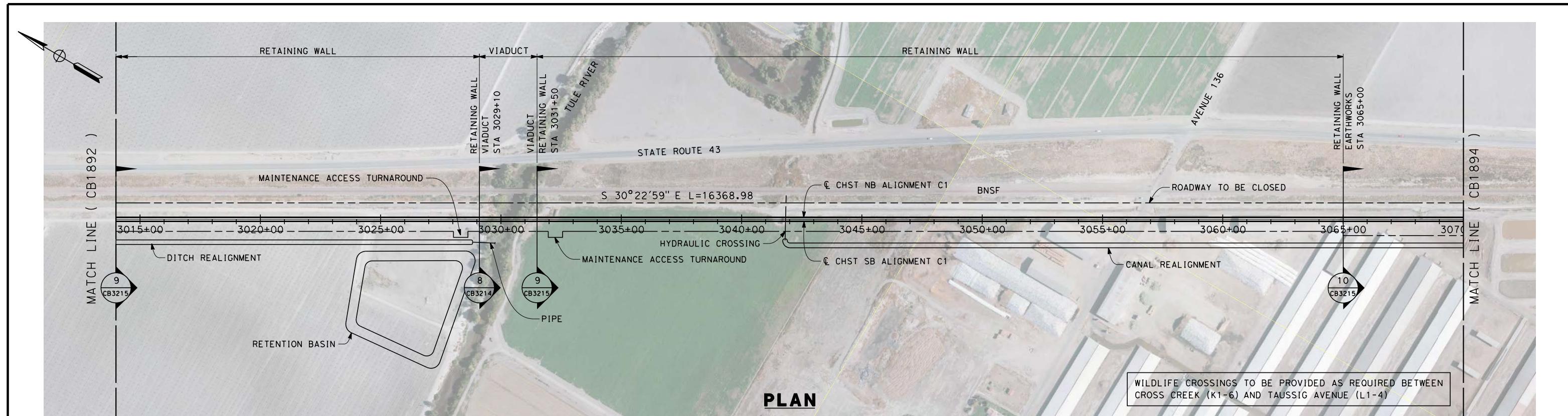
DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE

RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 2958+00 TO 3014+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1892
SCALE
AS SHOWN
SHEET NO.
14 OF 22

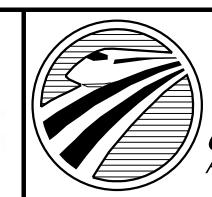


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DESIGNED
E. RA
DRAWN BY
P. TO
CHECKED
K. SE
IN CHARGE
R. CO
DATE
12

**RECORD SET 15%
DESIGN SUBMISSION**

**NOT FOR
CONSTRUCTION**

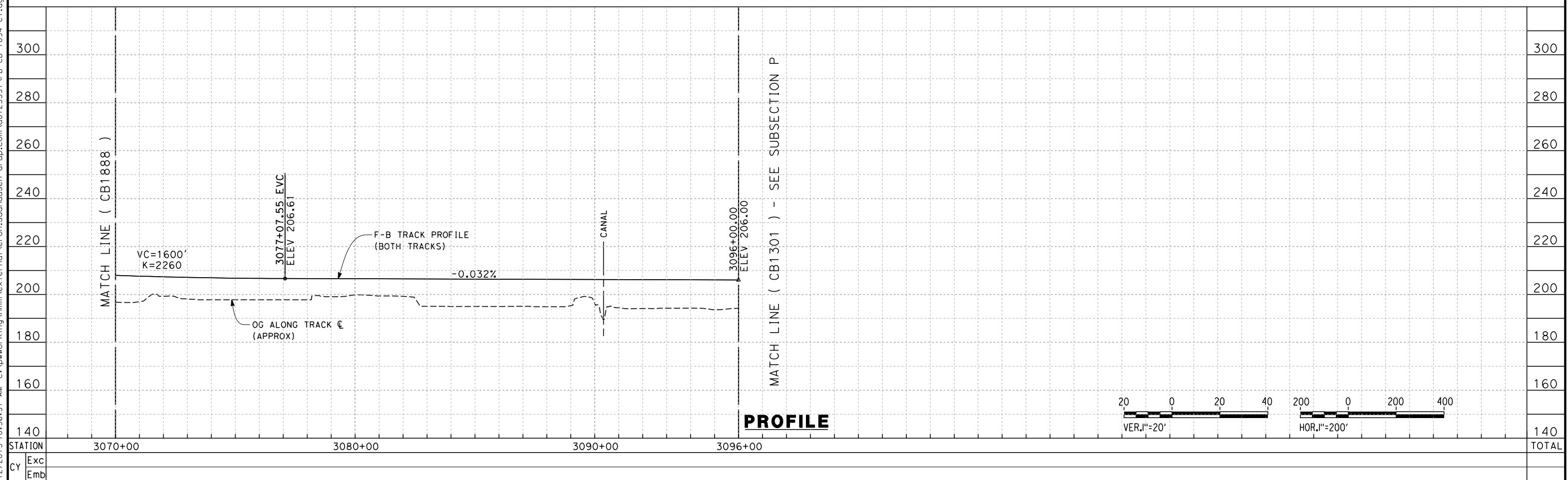
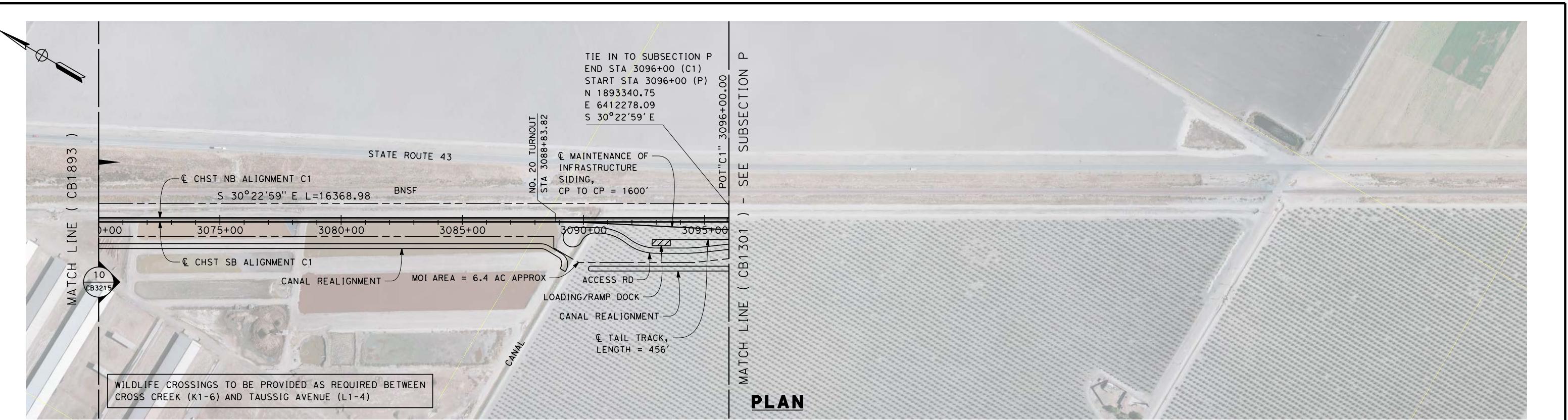


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

CORCORAN SUBSECTION
ALIGNMENT C1
STA 3014+00 TO 3070+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1893
SCALE
AS SHOWN
HEET NO.
15 OF 22



REV	DATE	BY	CHK	APP	DESCRIPTION	12/31/13

DESIGNED BY
E. RAYNOR
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYMOUR
IN CHARGE
R. COFFIN
DATE
12/31/13

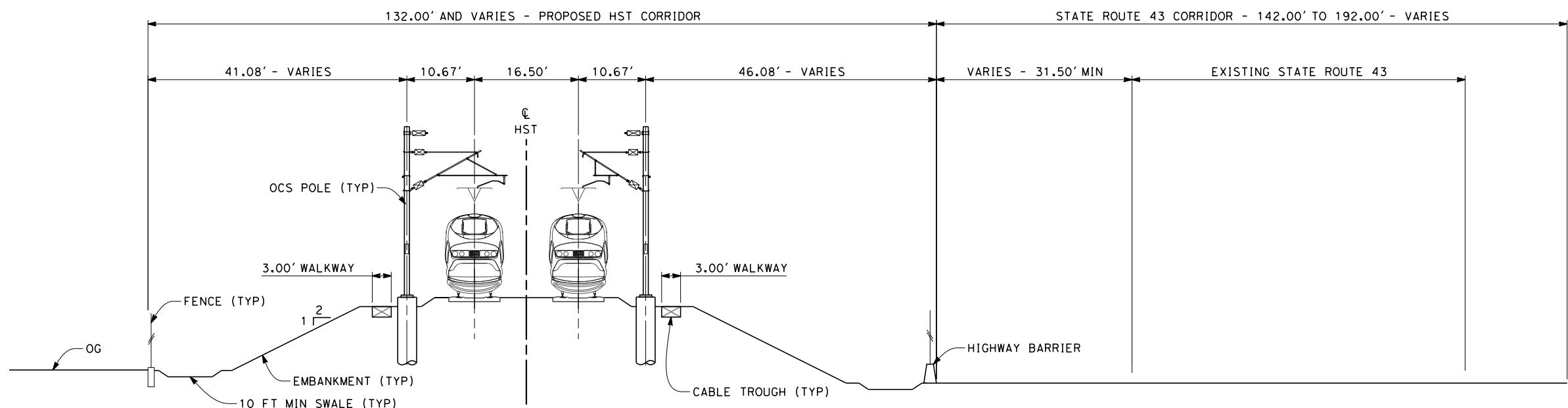
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DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
STA 3070+00 TO 3096+00
PLAN AND PROFILE

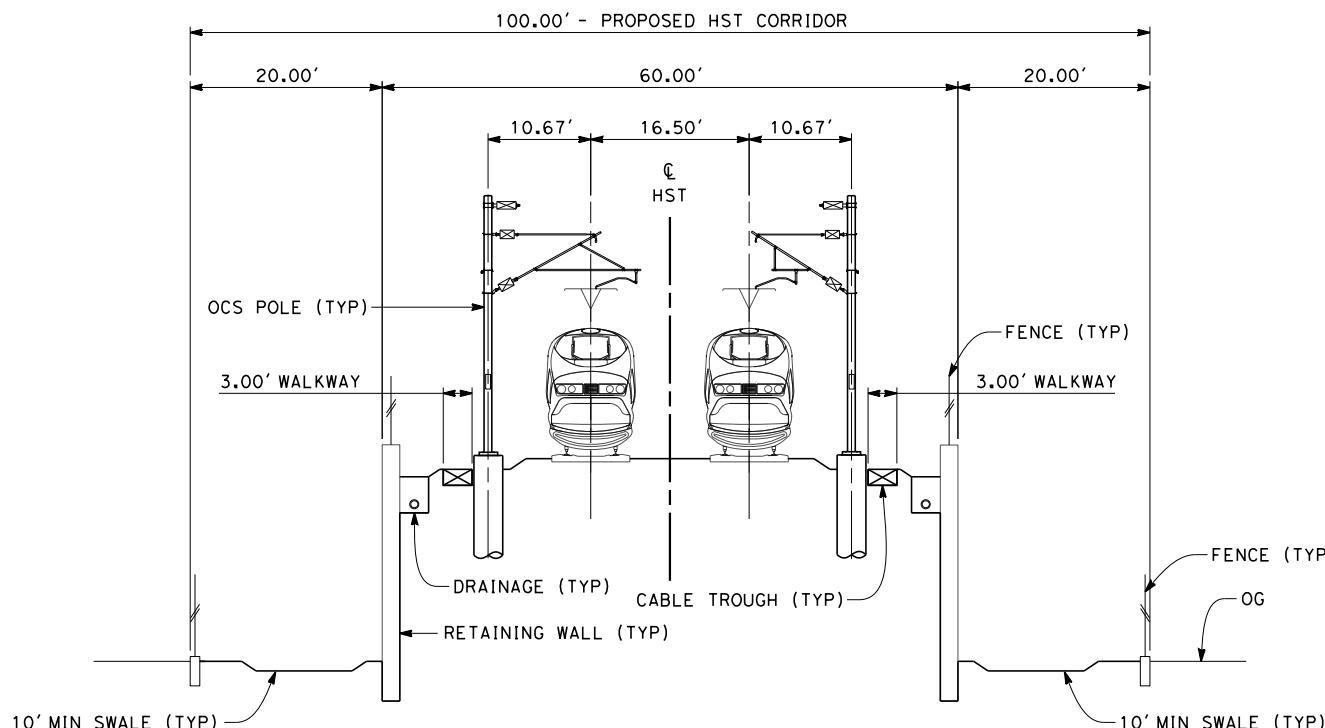
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1894
SCALE
AS SHOWN
SHEET NO.
16 OF 22

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN CURVE DATA TABLES



SECTION 1

TWIN TRACK - AT GRADE ADJACENT TO SR43
STA 2601+64 THROUGH STA 2671+62



SECTION 2

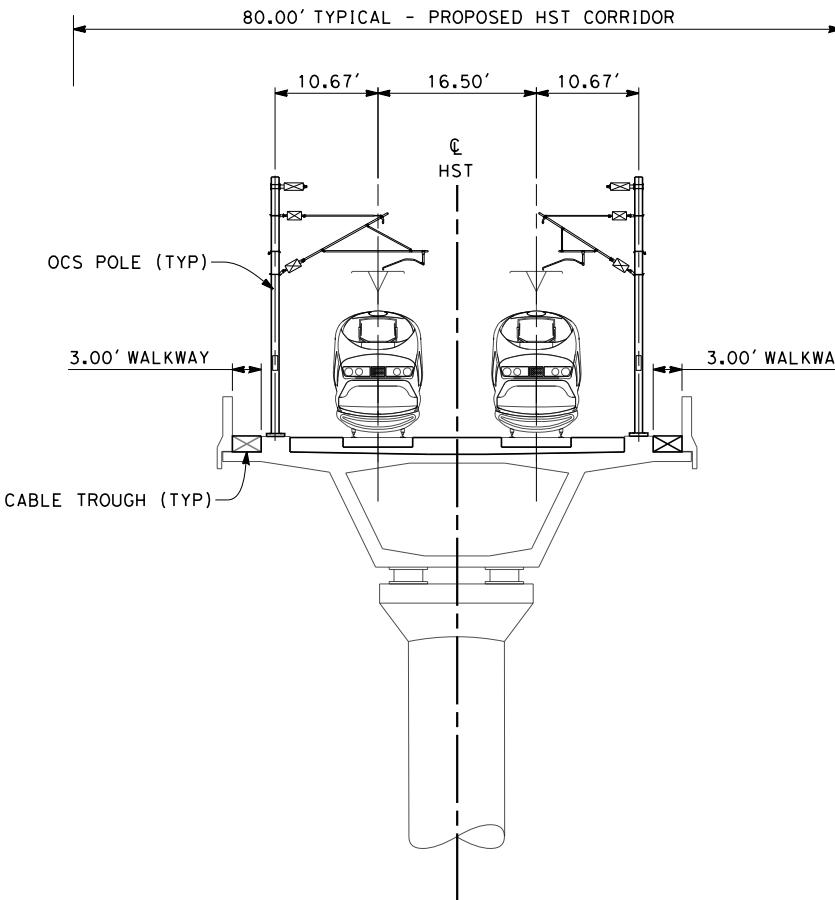
TWIN TRACK - RETAINED EMBANKMENT WITH OPEN DRAINAGE
STA 2671+62 THROUGH STA 2705+38

10 0 10 20
1'=10'

DESIGNED BY E.RAYNOR	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CONTRACT NO. HSR 06-0003
DRAWN BY P.TONKIN	-			DRAWING NO. CB3210
CHECKED BY K.SYMPUR	NOT FOR CONSTRUCTION			SCALE AS SHOWN
IN CHARGE R.COFFIN				SHEET NO. 17 OF 22
DATE 12/31/13				
REV	DATE	BY	CHK	APP
DESCRIPTION				

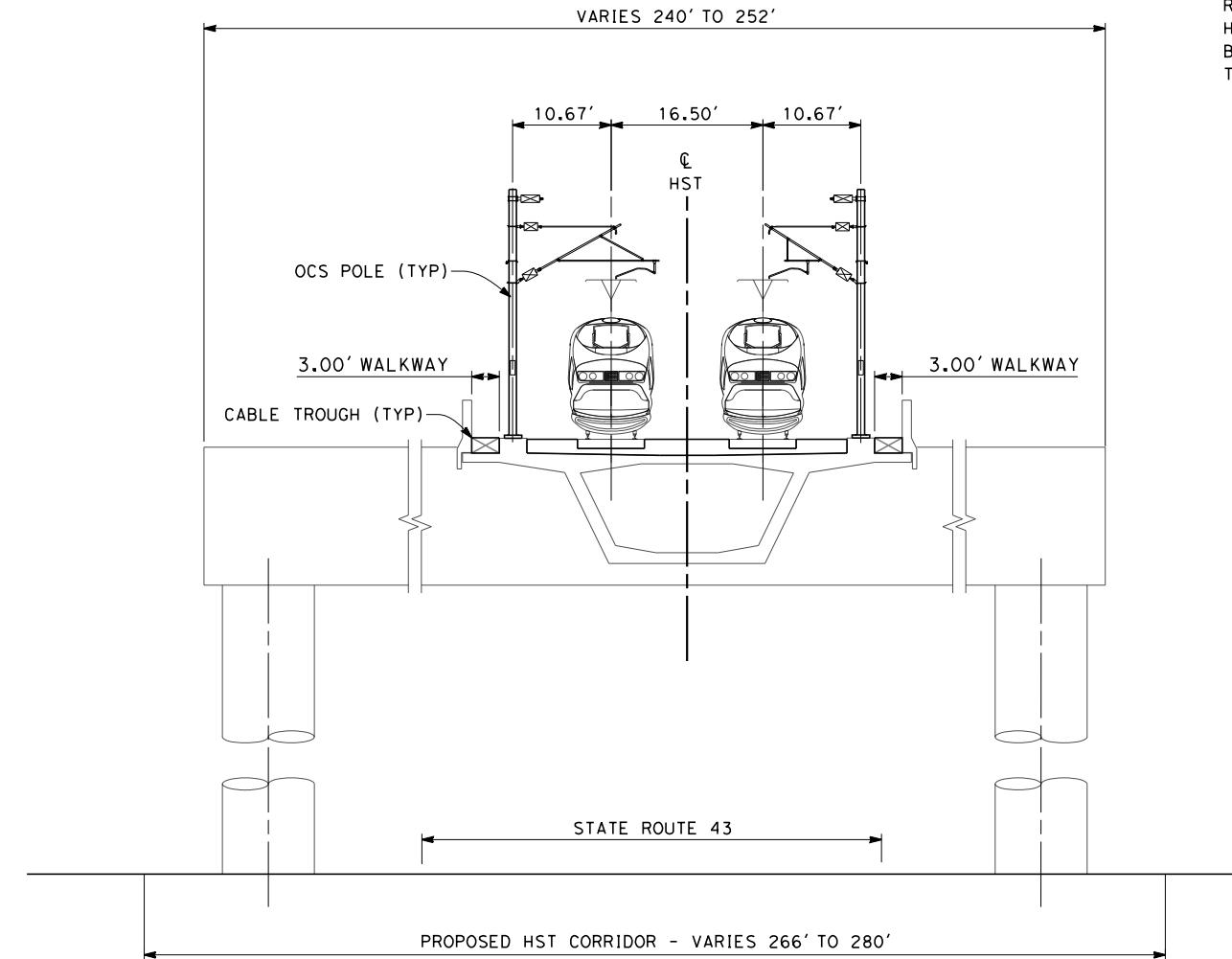
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
TYPICAL SECTIONS

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN CURVE DATA TABLES
 4. PER CALTRANS STANDARD, A HIGHWAY BARRIER IS REQUIRED NEXT TO A COLUMN BY THE REQUIREMENTS SET FORTH IN THE HIGHWAYS DESIGN MANUAL. BARRIER REQUIRED FROM 2736+58 TO 2740+18.



SECTION 3

TWIN TRACK - AERIAL STRUCTURE
STA 2705+38 THROUGH STA 2736+58



SECTION 4

TWIN TRACK - INTEGRAL STRADDLE BENT
STA 2736+58 THROUGH STA 2740+18



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

DESIGNED BY
E.RAYNOR
DRAWN BY
P.TONKIN
CHECKED BY
K.SYEMOUR
IN CHARGE
R.COFFIN
DATE
12/31/13

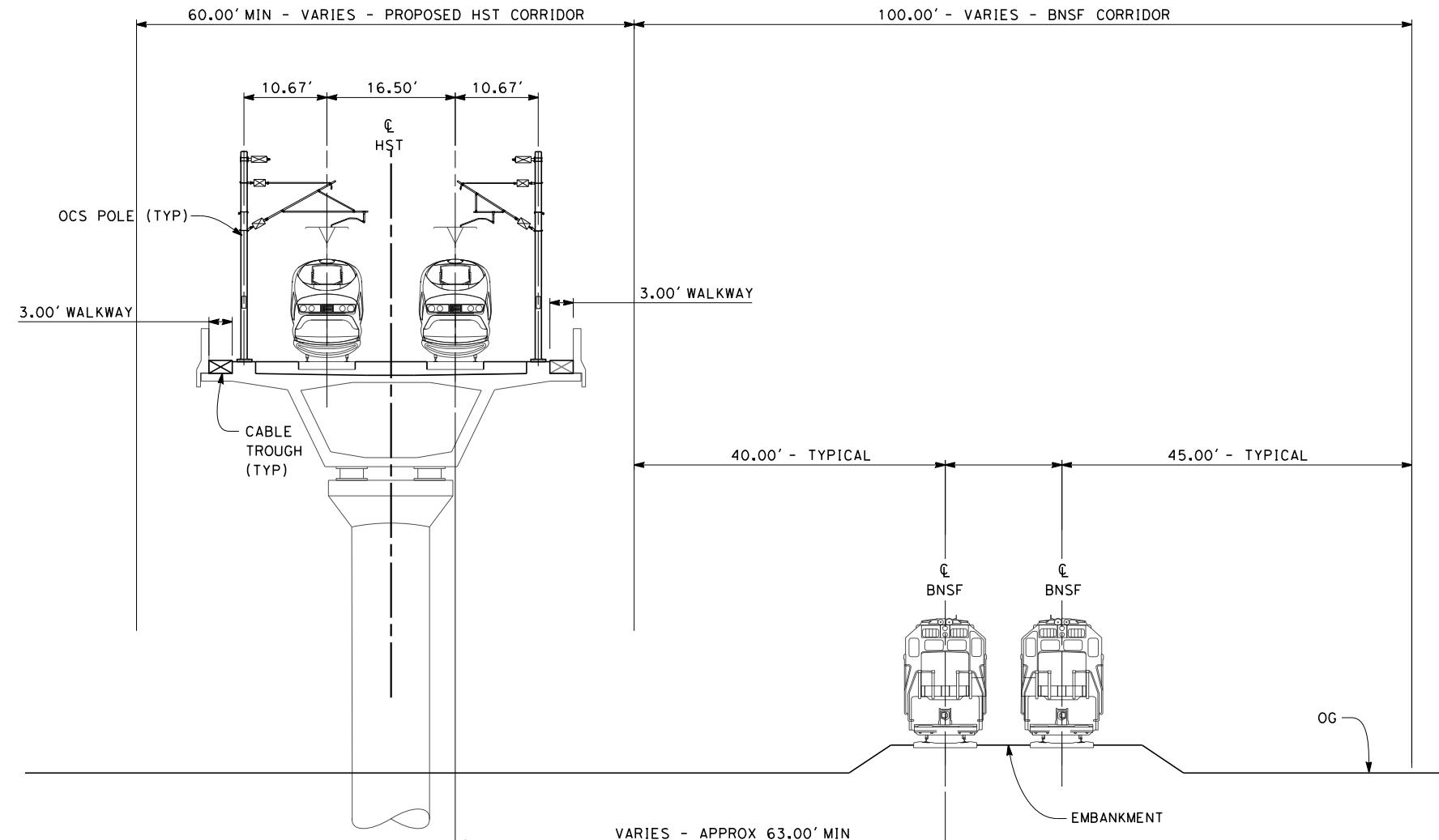
RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN SUBSECTION
ALIGNMENT C1
TYPICAL SECTIONS

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB3211
SCALE
AS SHOWN
SHEET NO.
18 OF 22

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN CURVE DATA TABLES



SECTION 5

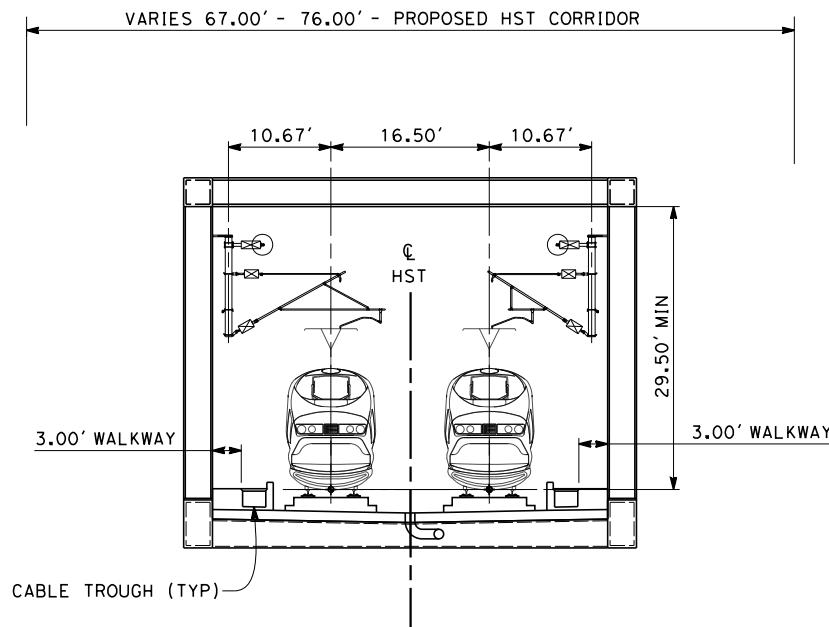
TWIN TRACK - AERIAL VIADUCT ADJACENT TO TWIN TRACK BNSF
 STA 2740+18 THROUGH STA 2795+50
 STA 2797+67 THROUGH STA 2863+88



DESIGNED BY E. RAYNOR	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN AUTHORITY	CONTRACT NO. HSR 06-0003
DRAWN BY P. TONKIN	-			DRAWING NO. CB3212
CHECKED BY K. SEYMOUR	NOT FOR CONSTRUCTION			SCALE AS SHOWN
IN CHARGE R. COFFIN				SHEET NO. 19 OF 22
DATE 12/31/13				
REV	DATE	BY	CHK	APP
				DESCRIPTION

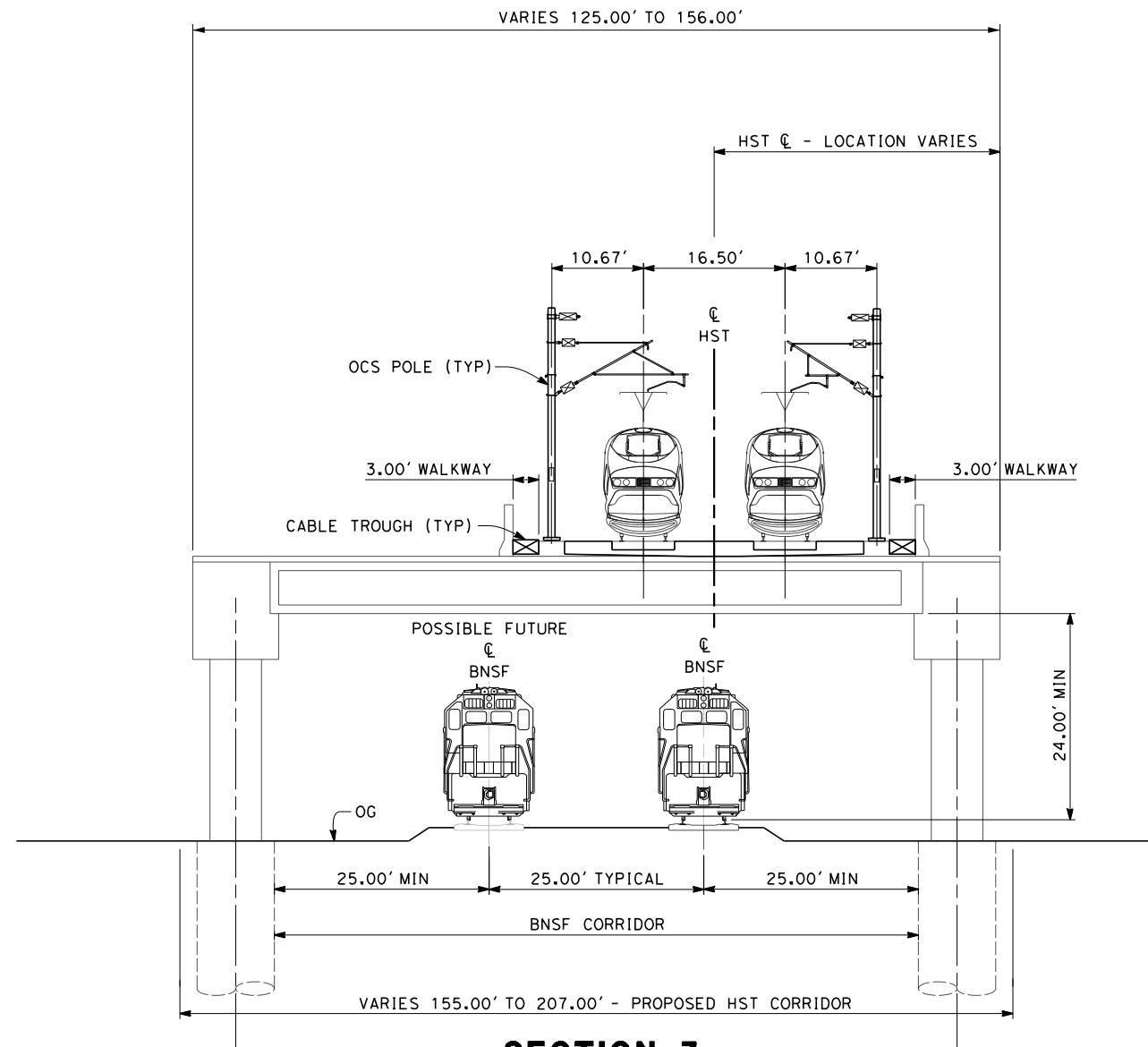
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
 CORCORAN SUBSECTION
 ALIGNMENT C1
 TYPICAL SECTIONS

- NOTES
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN CURVE DATA TABLES.



SECTION 6

TWIN TRACKS - AERIAL STEEL TRUSS
STA 2795+50 THROUGH STA 2797+67



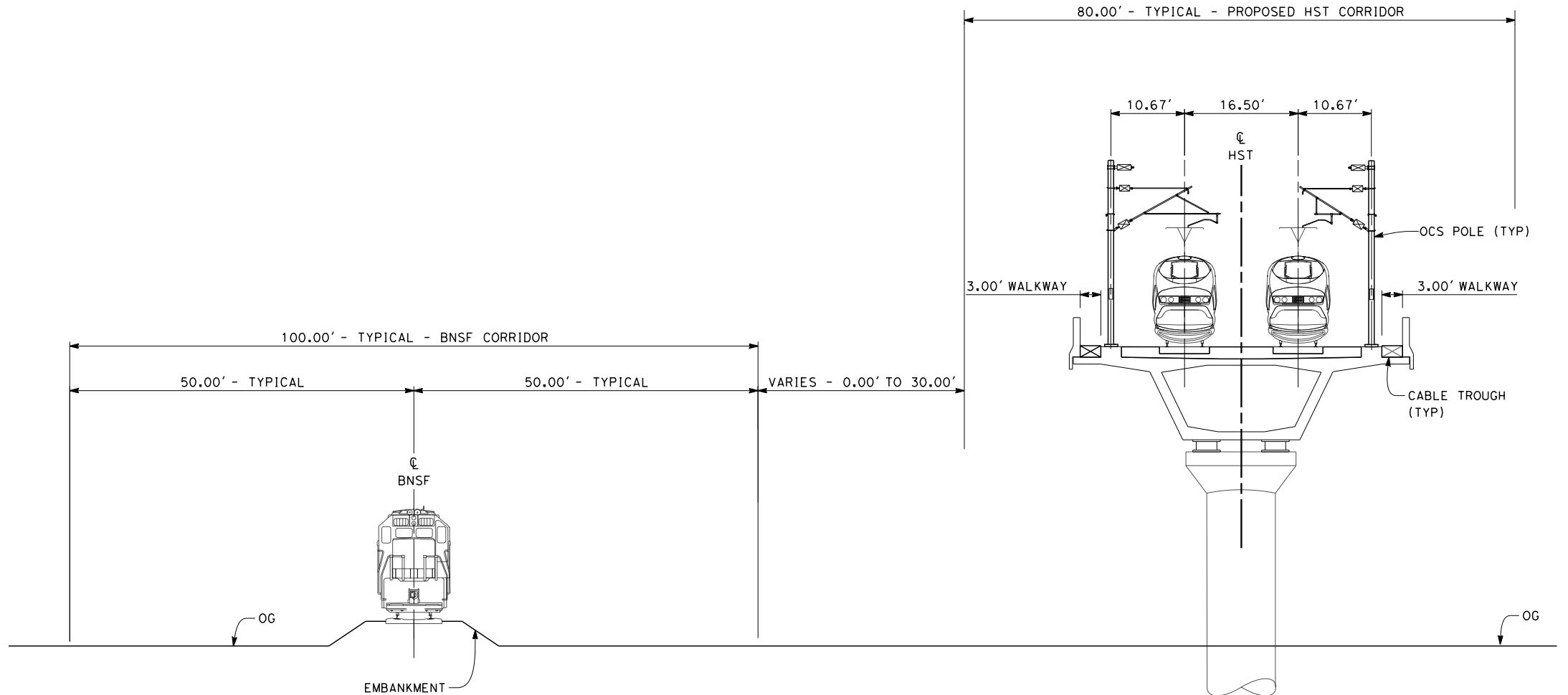
SECTION 7

TWIN TRACKS - ELEVATED SLAB OVER SINGLE TRACK BNSF
STA 2863+88 THROUGH STA 2899+54



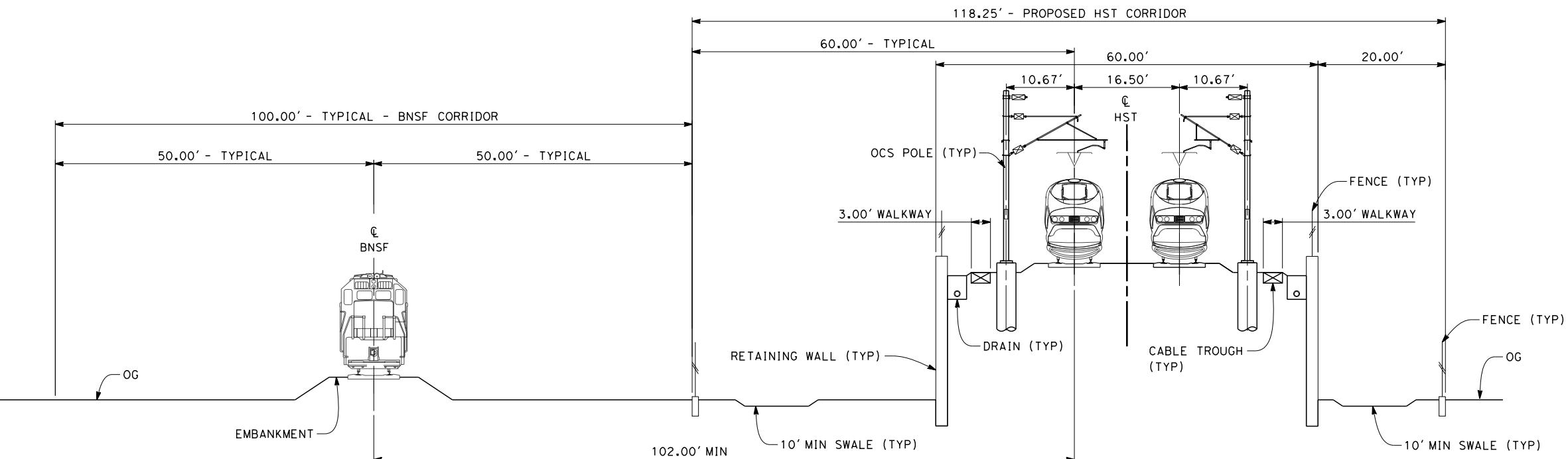
NOTES

1. TRACKFORM SHOWN IS INDICATIVE
2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN CURVE DATA TABLES.



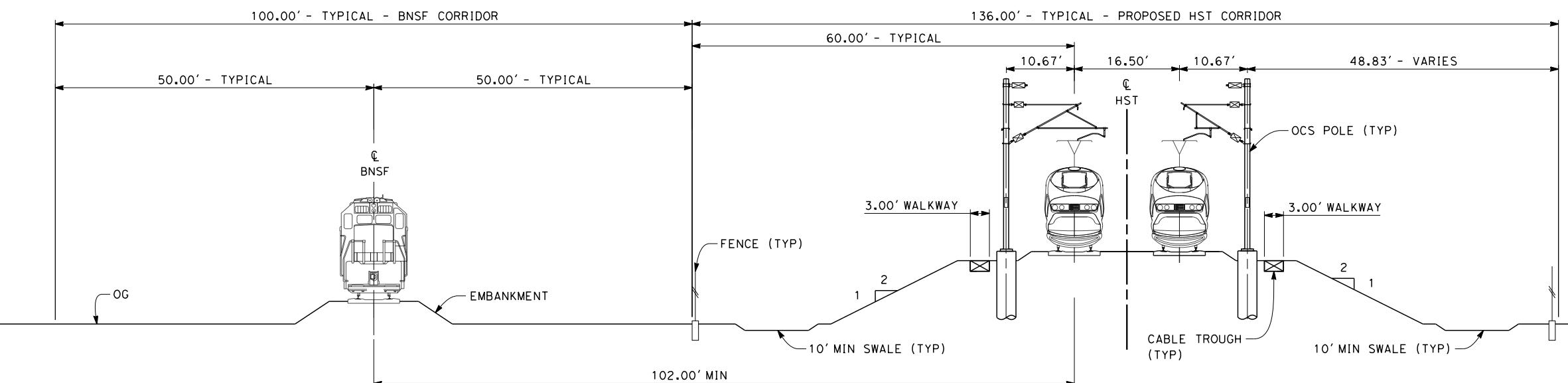
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1'=10'

DESIGNED BY E.RAYNOR	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN SUBSECTION ALIGNMENT C1 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY P.TONKIN	-				DRAWING NO. CB3214
CHECKED BY K.SYMPUR					SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION				SHEET NO. 21 OF 22
DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION



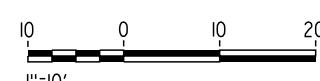
SECTION 9

TWIN TRACK - RETAINED EMBANKMENT ADJACENT TO SINGLE TRACK BNSF
 STA 2935+34 THROUGH STA 2961+07
 STA 2996+57 THROUGH STA 3029+10
 STA 3031+50 THROUGH STA 3065+00



SECTION 10

TWIN TRACK - ADJACENT TO SINGLE TRACK BNSF
 STA 2961+07 THROUGH STA 2996+57
 STA 3065+00 THROUGH STA 3096+00



DESIGNED BY E.RAYNOR	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CONTRACT NO. HSR 06-0003
DRAWN BY P.TONKIN	-	CALIFORNIA HIGH-SPEED TRAIN	CORCORAN SUBSECTION	DRAWING NO. CB3215
CHECKED BY K.SYMPUR	NOT FOR CONSTRUCTION		ALIGNMENT C1	SCALE AS SHOWN
IN CHARGE R. COFFIN			TYPICAL SECTIONS	
DATE 12/31/13				SHEET NO. 22 OF 22
REV	DATE	BY	CHK	APP
			DESCRIPTION	



REV	DATE	BY	CHK	APP	DESCRIPTION
					12/31/13

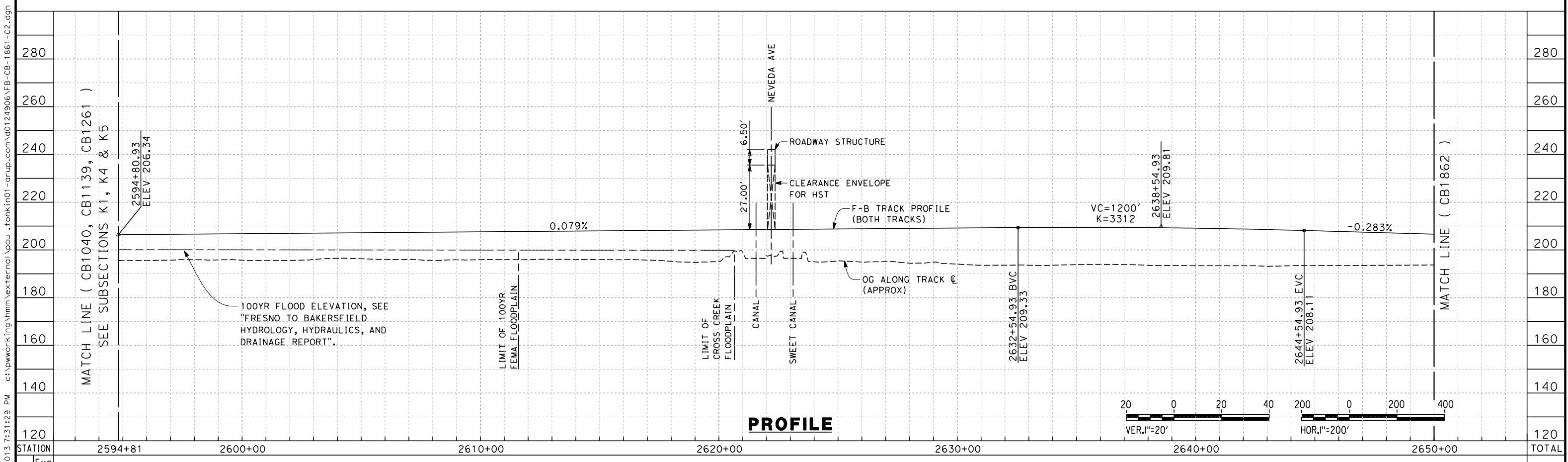
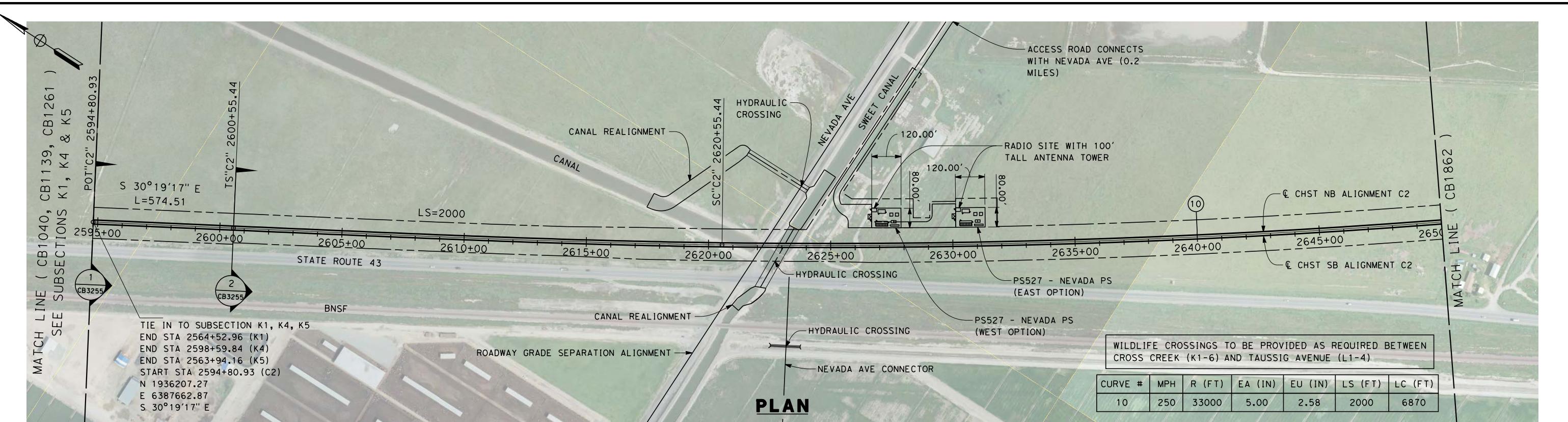
DESIGNED BY
S. LITSAS
DRAWN BY
P. TONKIN
CHECKED BY
K. SEYOUR
IN CHARGE
R. COFFIN
DATE

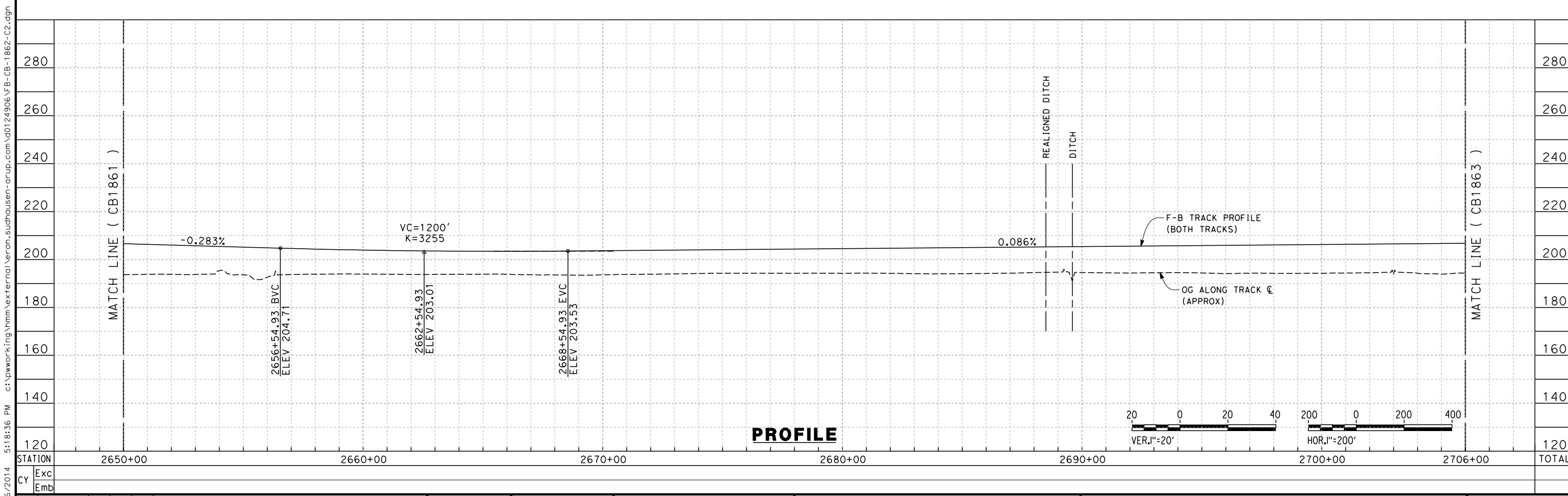
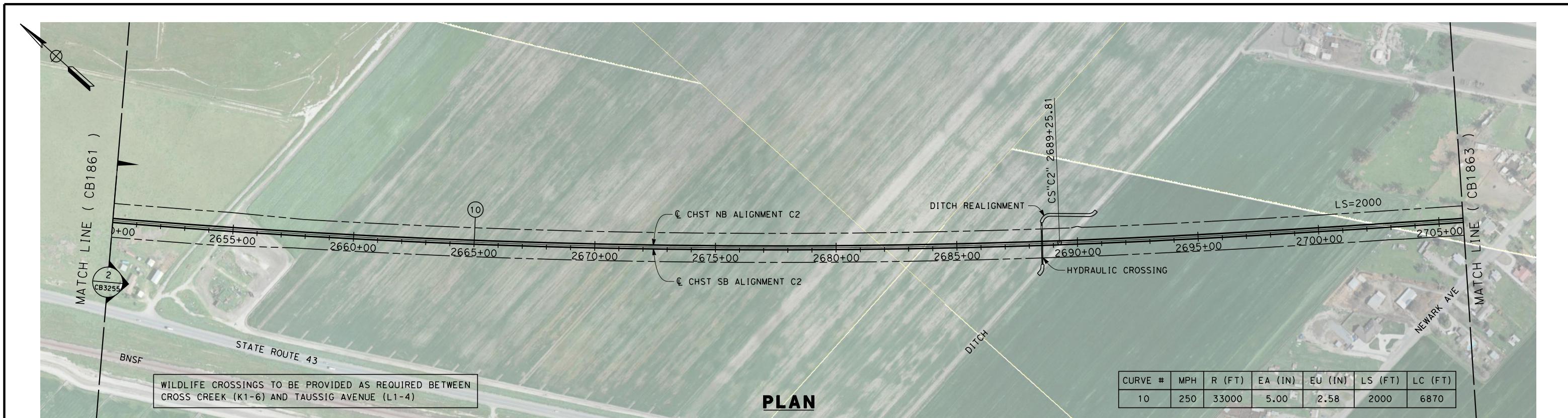
RECORD SET 15%
DESIGN SUBMISSION
-
NOT FOR
CONSTRUCTION

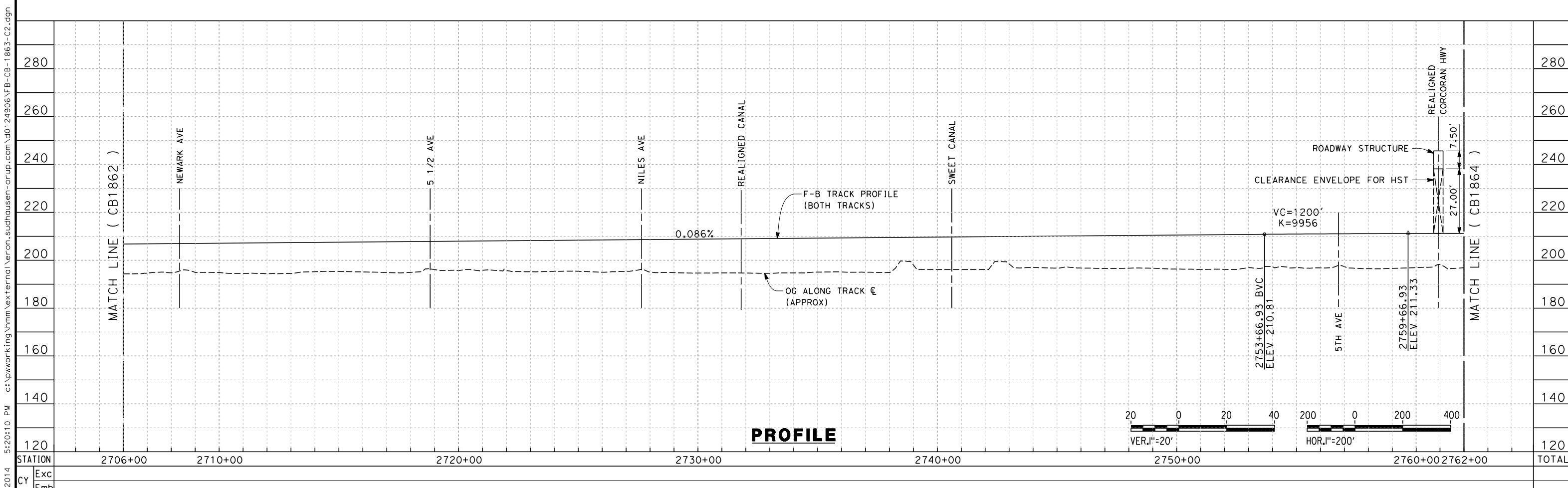
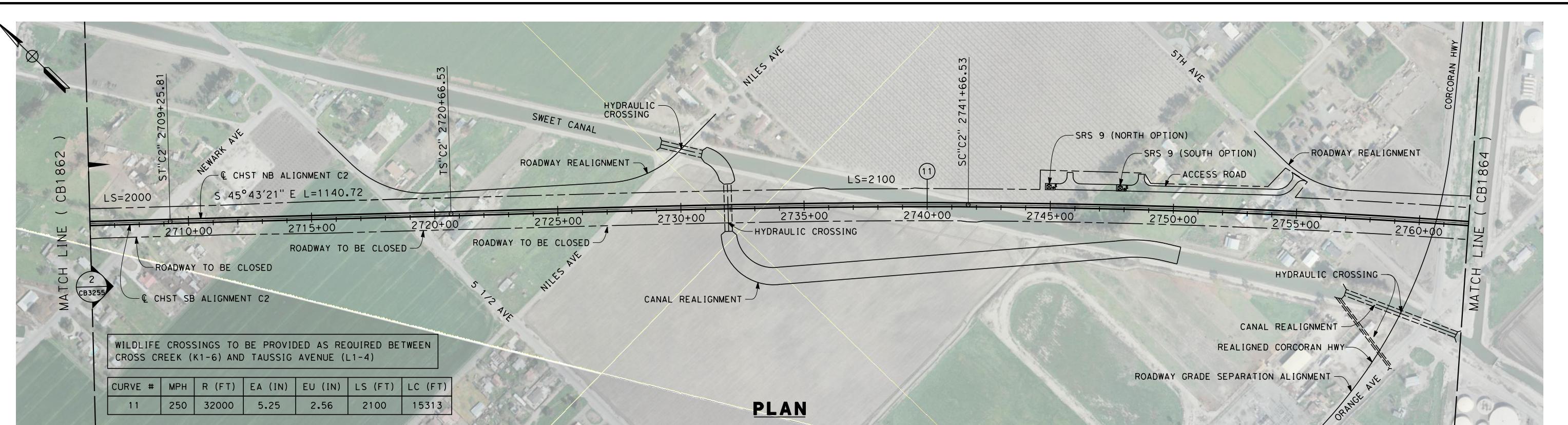


CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STA. 2954+81 TO 3096+00
KEY MAP

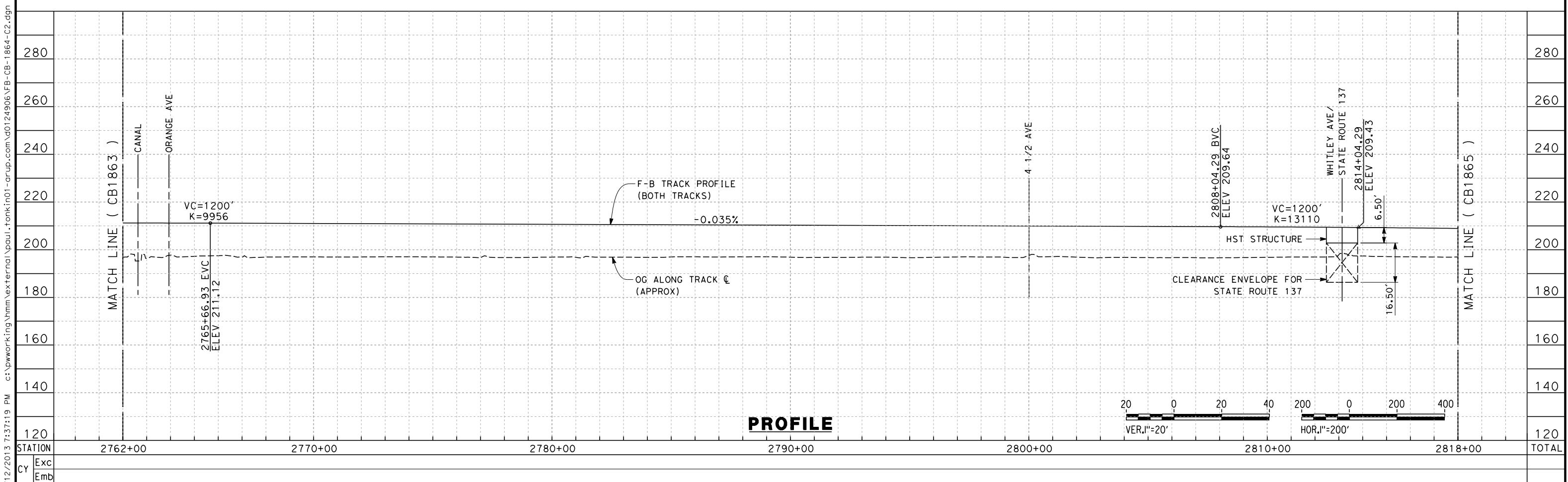
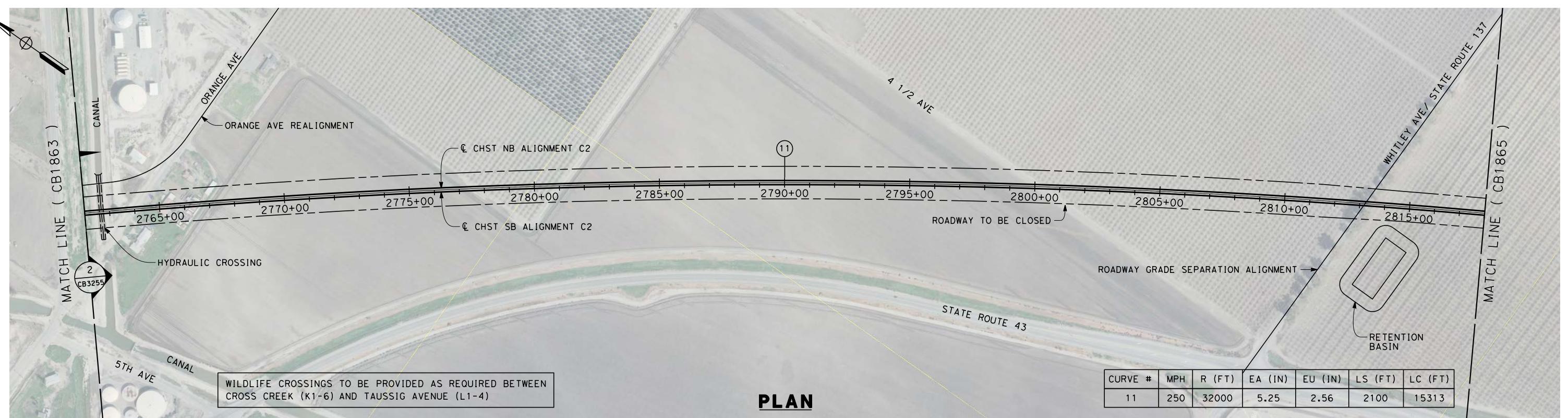
CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1850
SCALE
AS SHOWN
SHEET NO.
1 OF 16







DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 STA 2706+00 TO 2762+00 PLAN AND PROFILE	CONTRACT NO. HSR 06-0003
DRAWN BY P. TONKIN	-				DRAWING NO. CB1863
CHECKED BY K. SEYMORE	-				SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION				SHEET NO. 4 OF 16
DATE 03/19/13	DESCRIPTION				

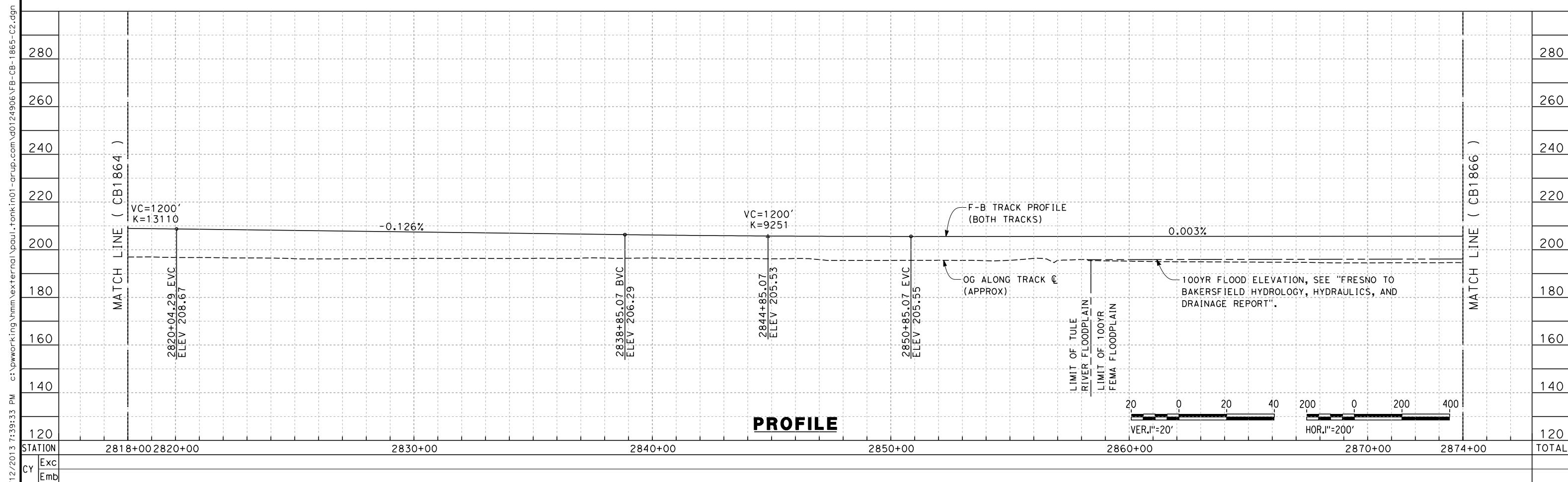
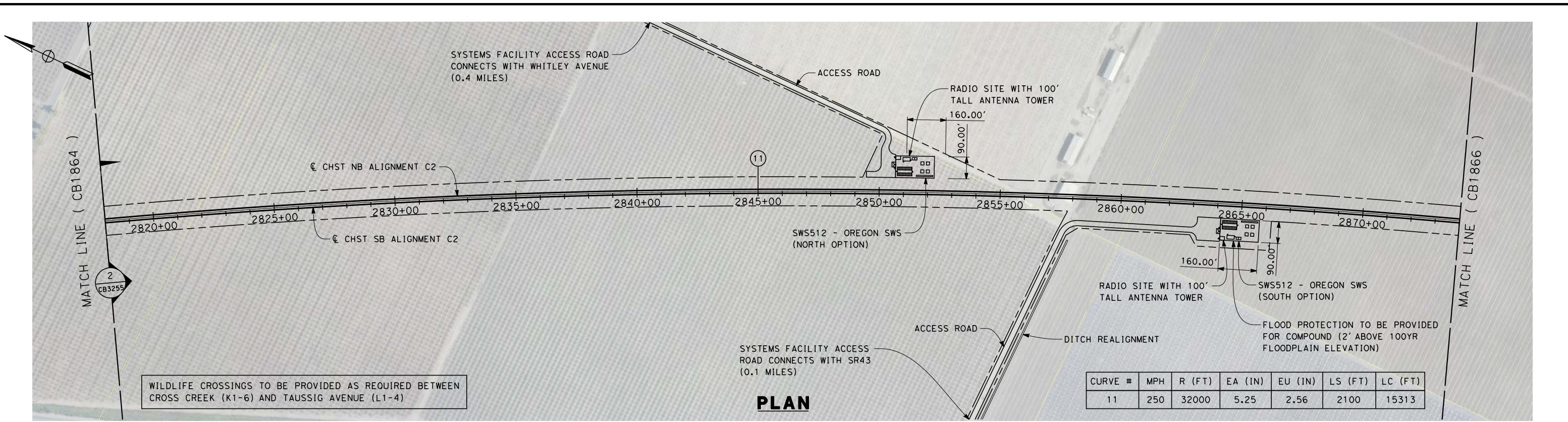


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paul.tonkin

DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP
DRAWN BY P. TONKIN	-	CALIFORNIA HIGH-SPEED TRAIN
CHECKED BY K. SEYMOUR	NOT FOR CONSTRUCTION	CALIFORNIA HIGH-SPEED RAIL AUTHORITY
IN CHARGE R. COFFIN		
DATE 12/31/13		

CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STA 2762+00 TO 2818+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1864
SCALE
AS SHOWN
SHEET NO.
5 OF 16



paul.tonkin 12 /

1

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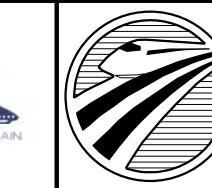
1

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P.
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K.
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R.
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**RECORD SET 10
DESIGN SUBMISSION
NOT FOR
CONSTRUCTION**

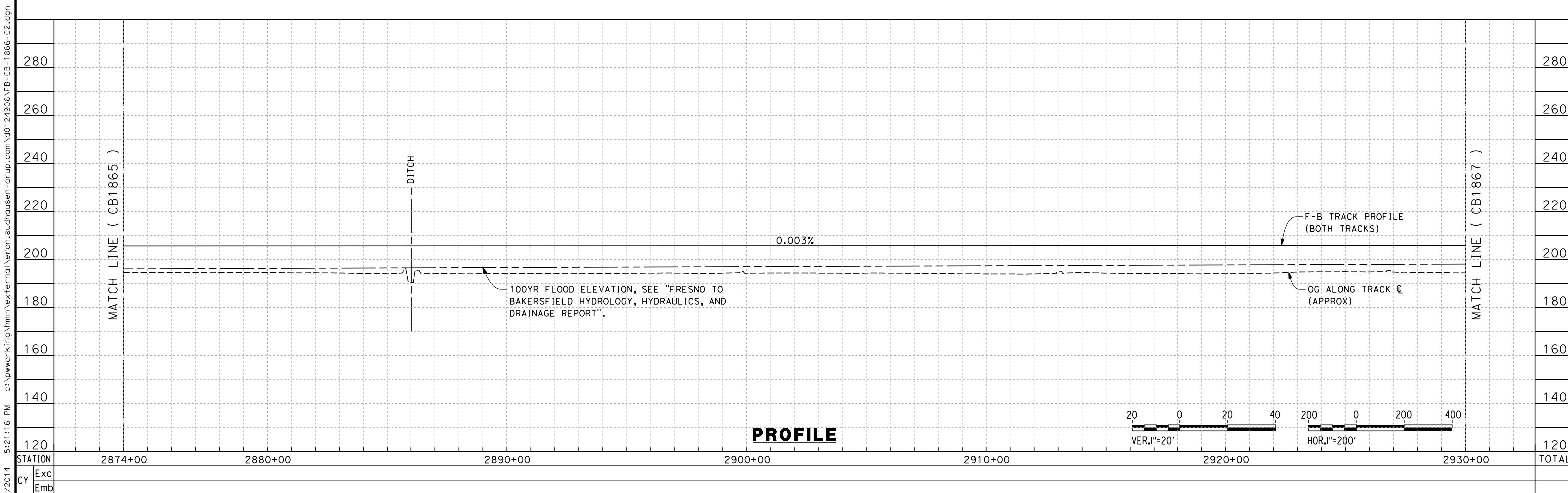
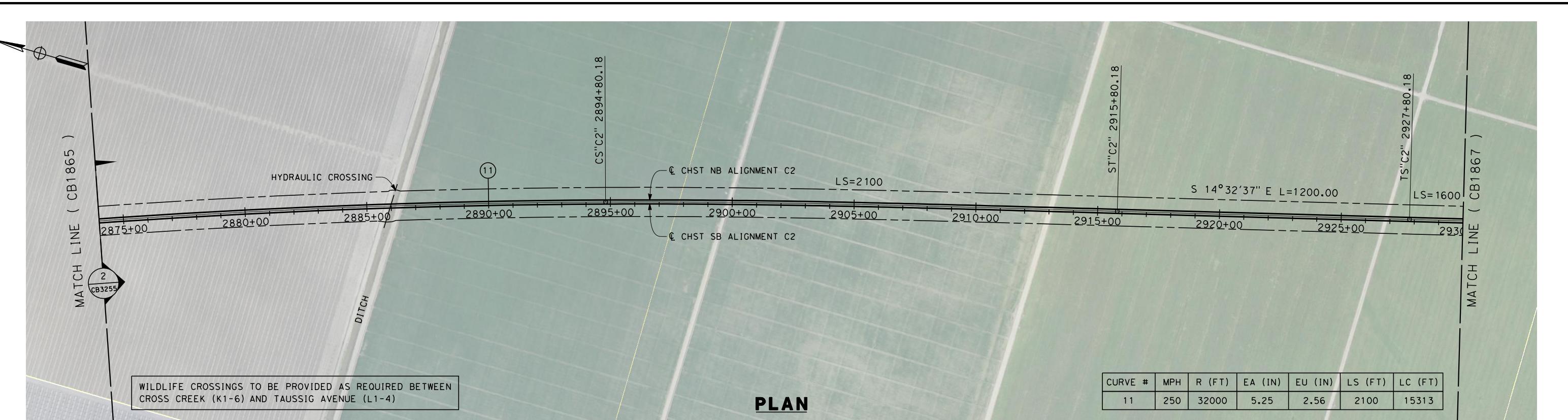


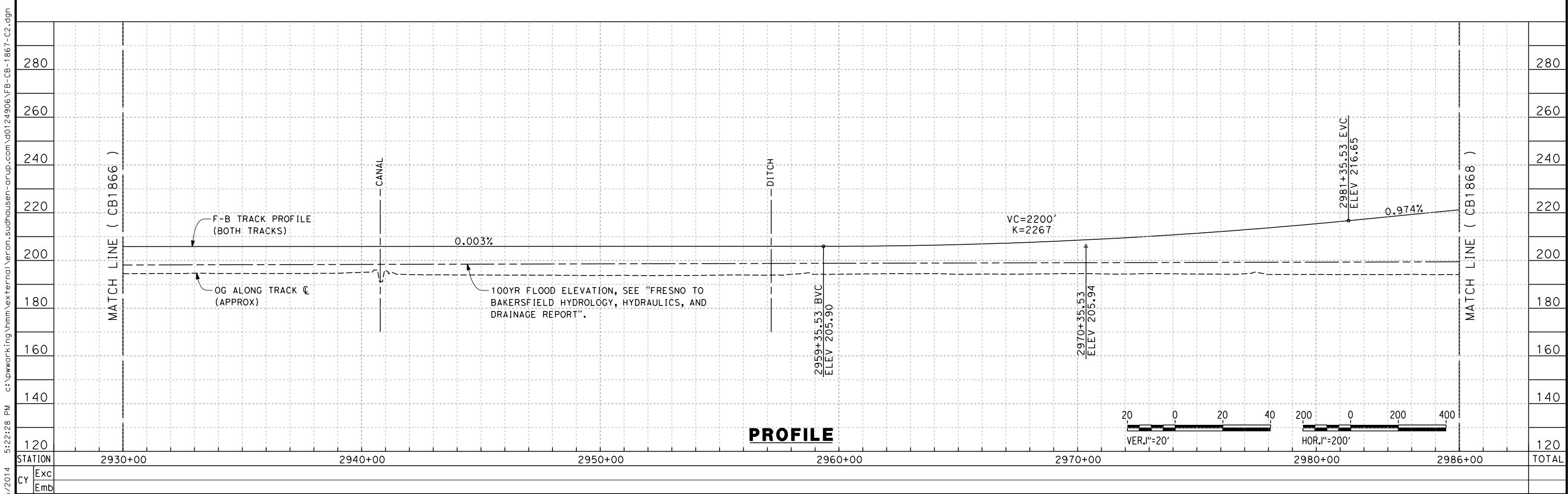
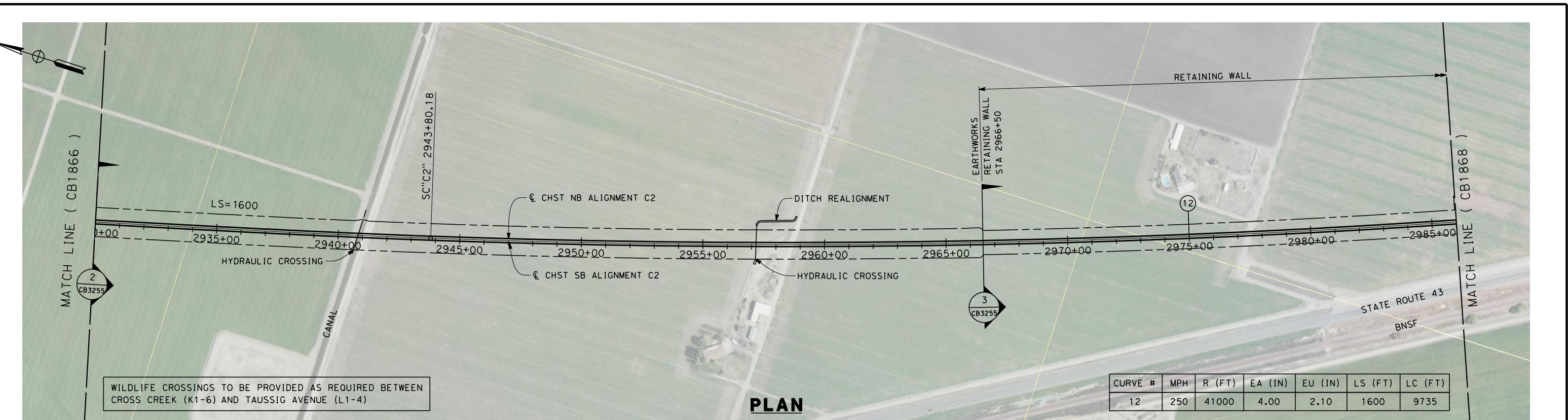
 CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STA 2818+00 TO 2874+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1865
SCALE
AS SHOWN
SHEET NO.
6 OF 16



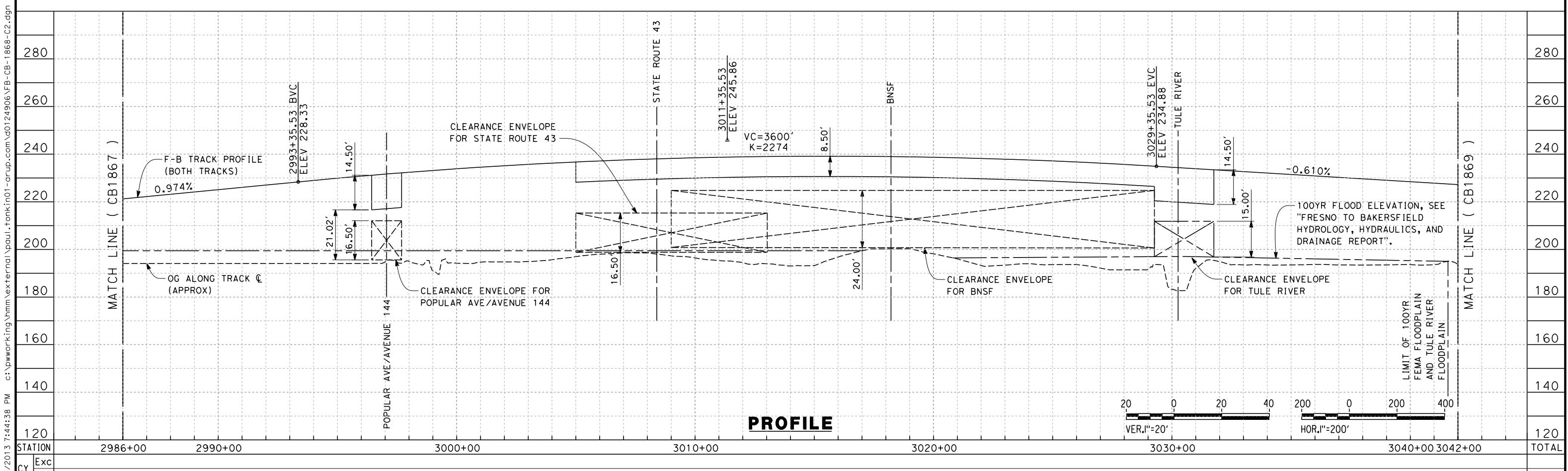
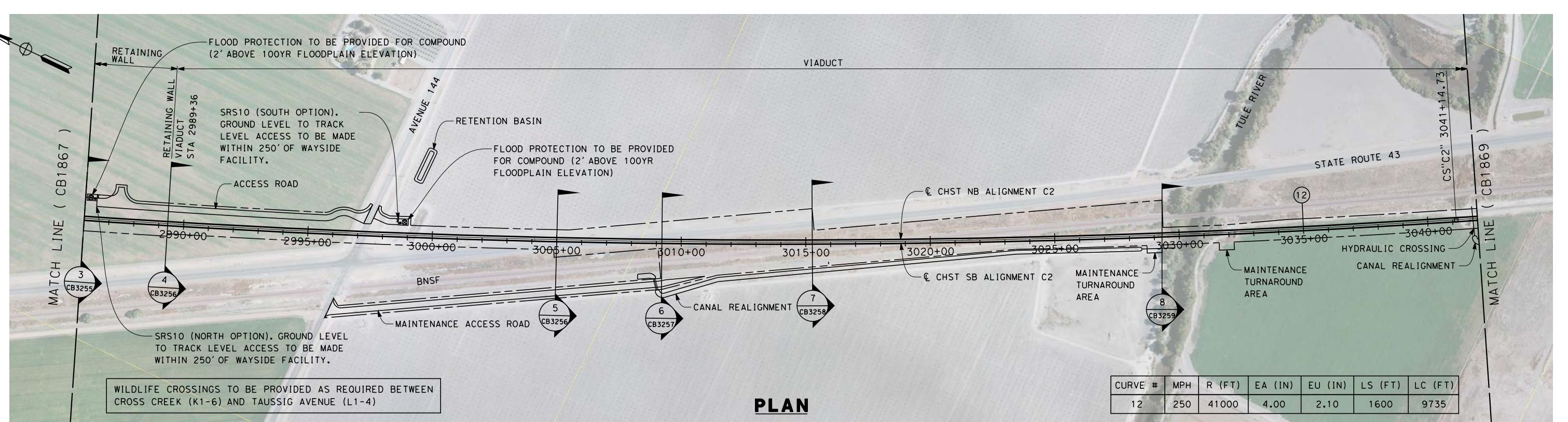


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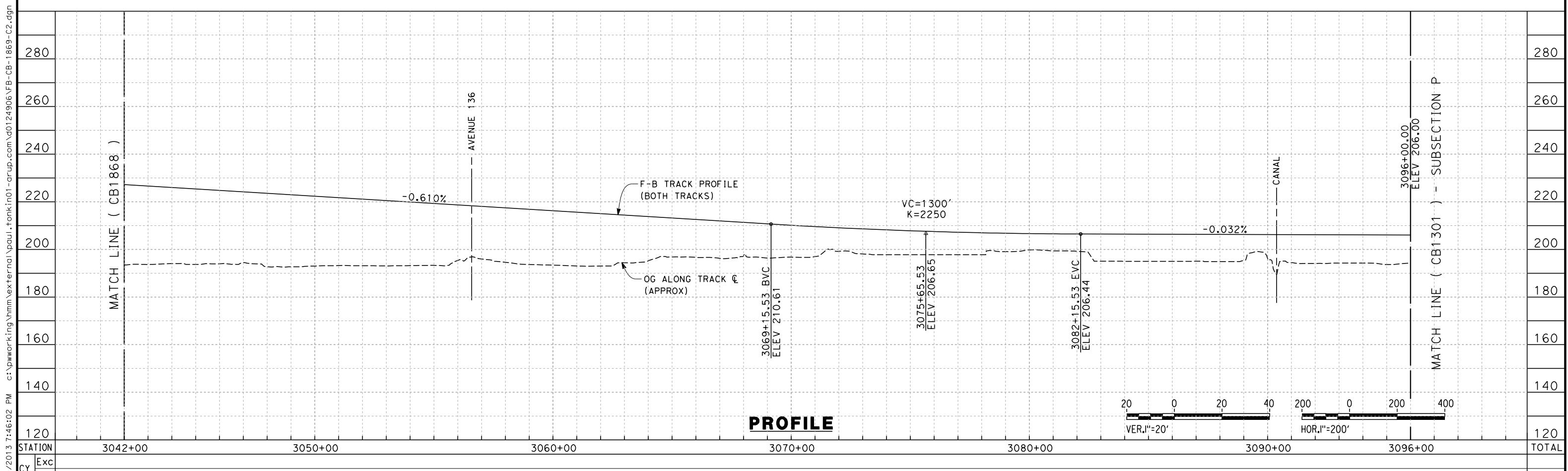
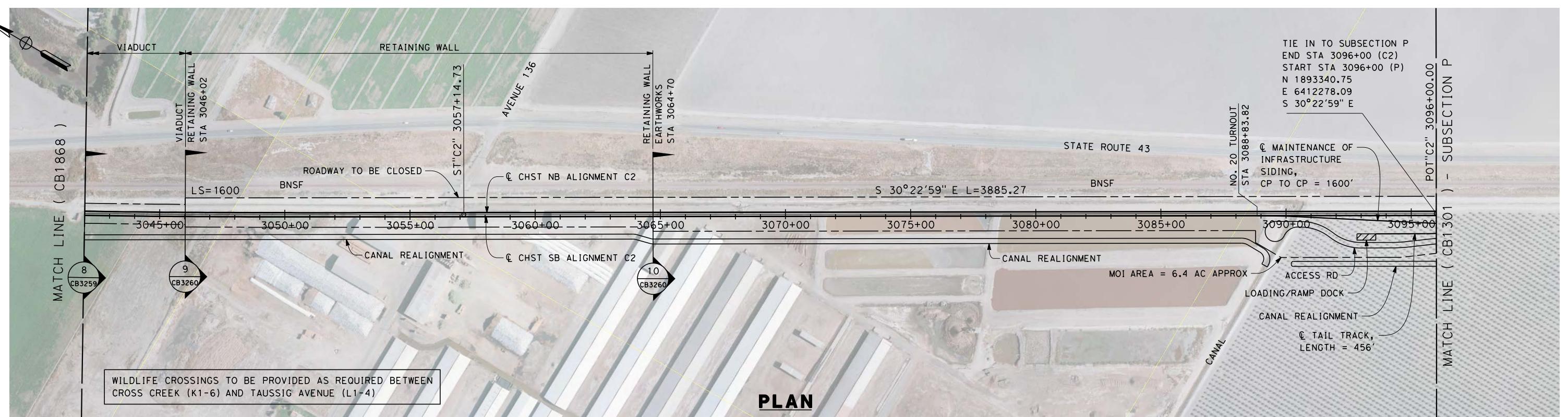
DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP
DRAWN BY P. TONKIN	-	CALIFORNIA HIGH-SPEED TRAIN
CHECKED BY K. SEYMOUR	NOT FOR CONSTRUCTION	CALIFORNIA HIGH-SPEED RAIL AUTHORITY
IN CHARGE R. COFFIN		
DATE 03/19/13		

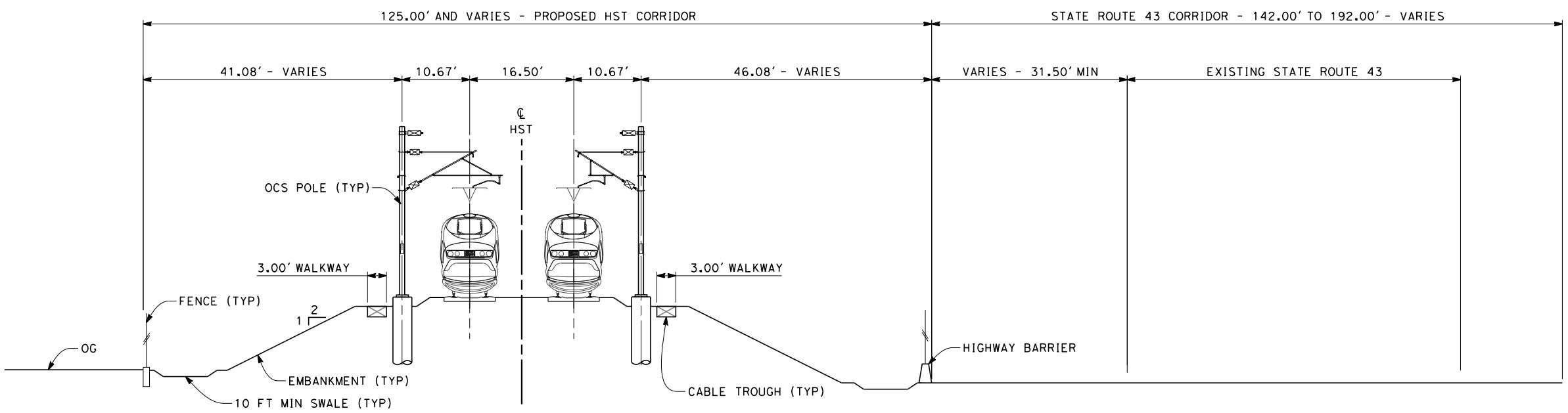
CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD
CORCORAN BYPASS SUBSECTION
ALIGNMENT C2
STA 2930+00 TO 2986+00
PLAN AND PROFILE

CONTRACT NO.
HSR 06-0003
DRAWING NO.
CB1867
SCALE
AS SHOWN
SHEET NO.
8 OF 16



REV	DATE	BY	CHK	APP	DESCRIPTION	DESIGNED BY S. LITSAS	DRAWN BY P. TONKIN	RECORD SET 15% DESIGN SUBMISSION	NOT FOR CONSTRUCTION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD	CONTRACT NO. HSR 06-0003
						CHECKED BY K. SEYMOUR	IN CHARGE R. COFFIN	DATE 12/31/13				CORCORAN BYPASS SUBSECTION ALIGNMENT C2 STA 2986+00 TO 3042+00 PLAN AND PROFILE	DRAWING NO. CB1868
												SCALE AS SHOWN	SHEET NO. 9 OF 16



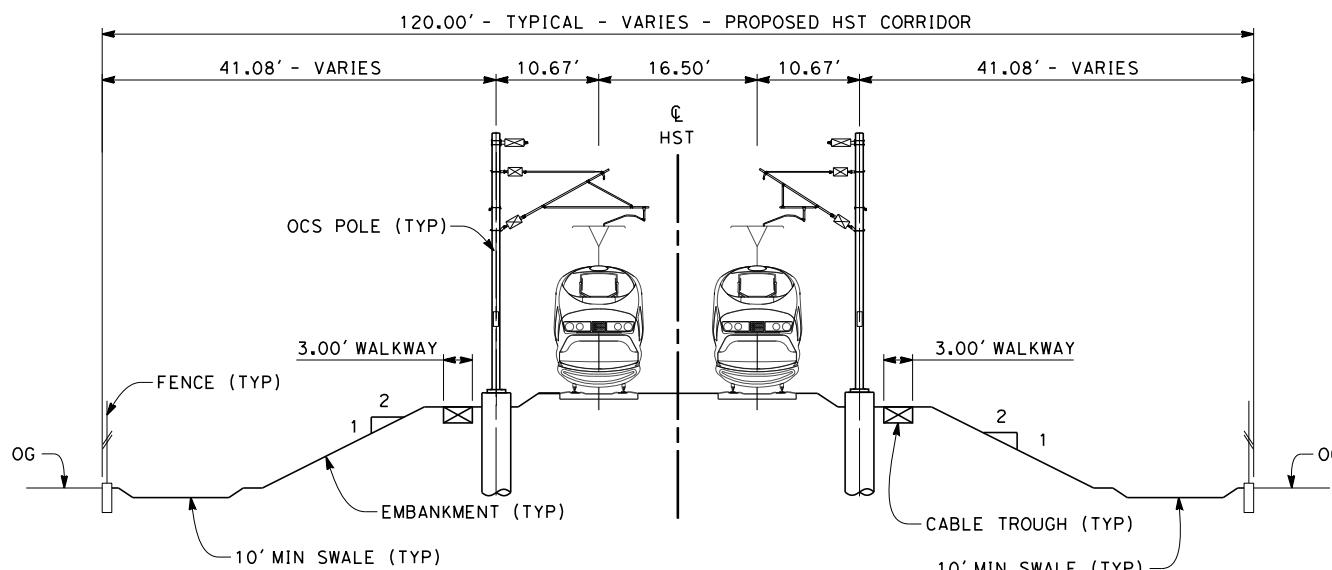


NOTES:

1. TRACKFORM SHOWN IS INDICATIVE
2. FOR STRUCTURE DIMENSIONS SEE
STRUCTURAL CROSS SECTIONS
3. SUPERELEVATION IS NOT SHOWN.
THE AMOUNT OF APPLIED
SUPERELEVATION IS SHOWN IN
THE CURVE DATA TABLES.

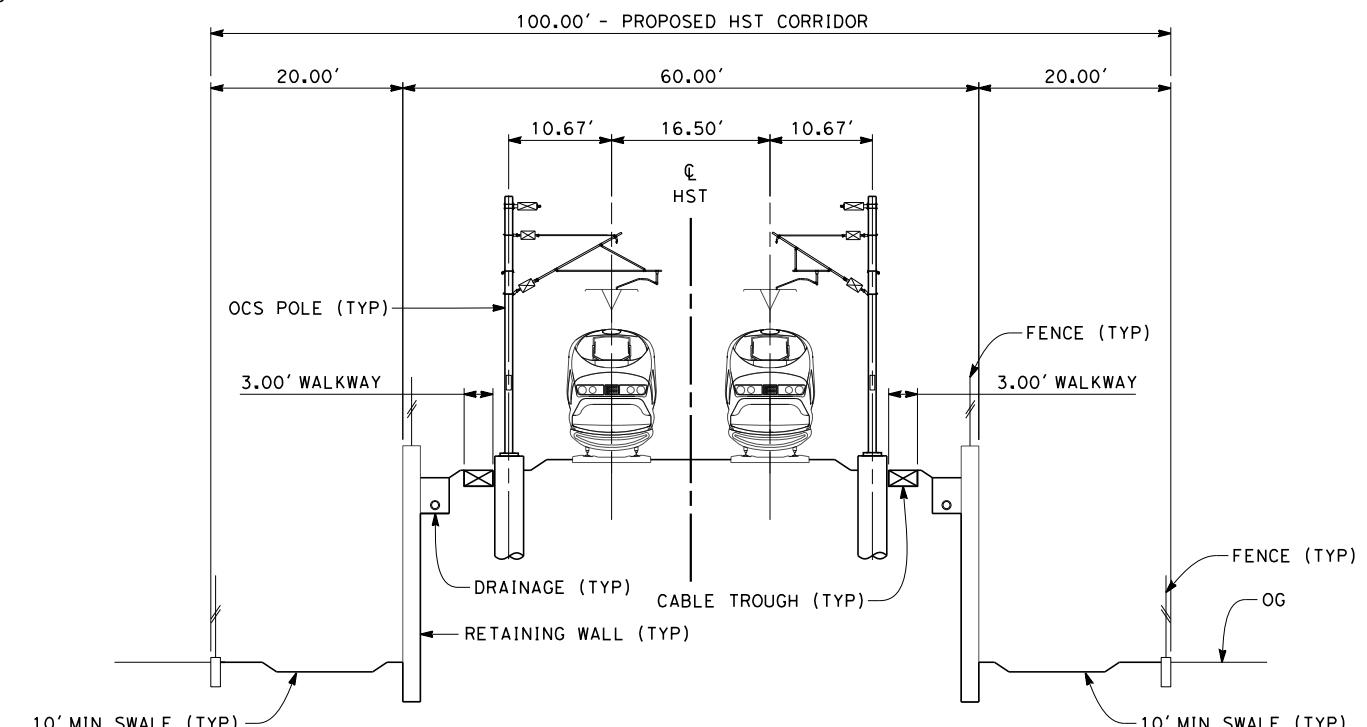
SECTION 1

TWIN TRACK - AT-GRADE ADJACENT TO STATE ROUTE 43
STA 2594+81 THROUGH STA 2600+55



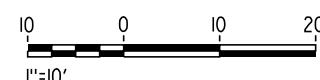
SECTION 2

TWIN TRACK - AT-GRADE WITH OPEN DRAINAGE
STA 2600+55 THROUGH STA 2966+50



SECTION 3

TWIN TRACK - RETAINED EMBANKMENT
STA 2966+50 THROUGH STA 2989+36



DESIGNED
S. L.
DRAWN BY
P. TO
CHECKED
K. SE
IN CHARGE
R. CO
DATE
12

**RECORD SET 15%
DESIGN SUBMISSION

NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
FRESNO TO BAKERSFIELD**

CORCORAN BYPASS SUBSECTION

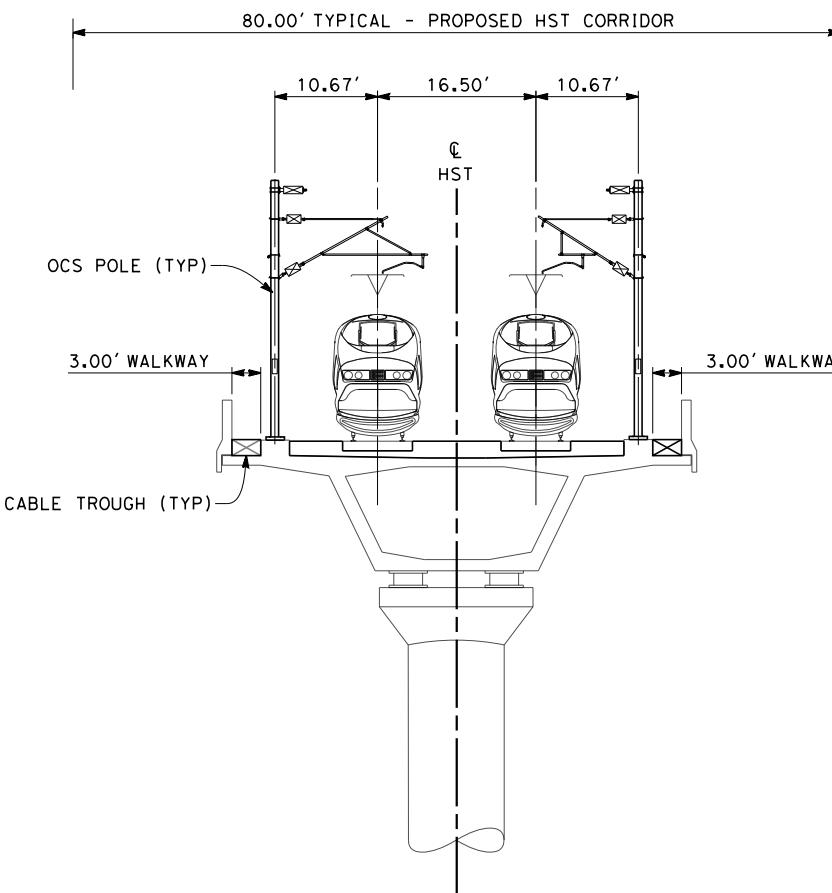
ALIGNMENT C2

TYPICAL SECTIONS

CONTRACT NO.
HSL 06-0003
DRAWING NO.
CB3255
SCALE
AS SHOWN
SHEET NO.
11 OF 16

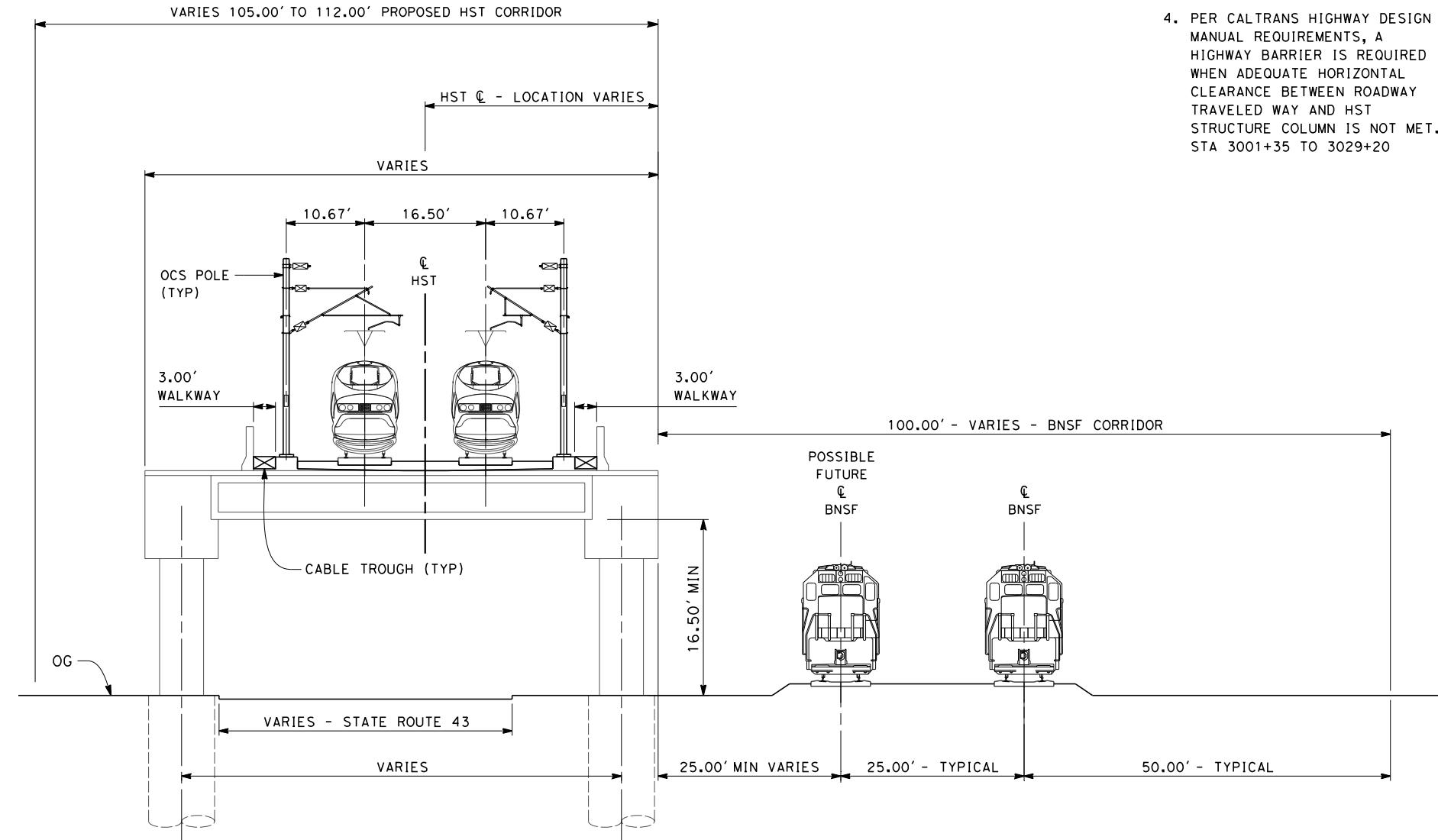
NOTES:

1. TRACKFORM SHOWN IS INDICATIVE
2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
3. SUPERELEVATION IS NOT SHOWN.
THE AMOUNT OF APPLIED
SUPERELEVATION IS SHOWN IN
THE CURVE DATA TABLES.
4. PER CALTRANS HIGHWAY DESIGN
MANUAL REQUIREMENTS, A
HIGHWAY BARRIER IS REQUIRED
WHEN ADEQUATE HORIZONTAL
CLEARANCE BETWEEN ROADWAY
TRAVELED WAY AND HST
STRUCTURE COLUMN IS NOT MET.
STA 3001+35 TO 3029+20



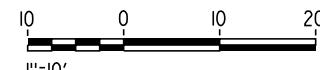
SECTION 4

TWIN TRACK - AERIAL VIADUCT
STA 2989+36 THROUGH STA 3005+00



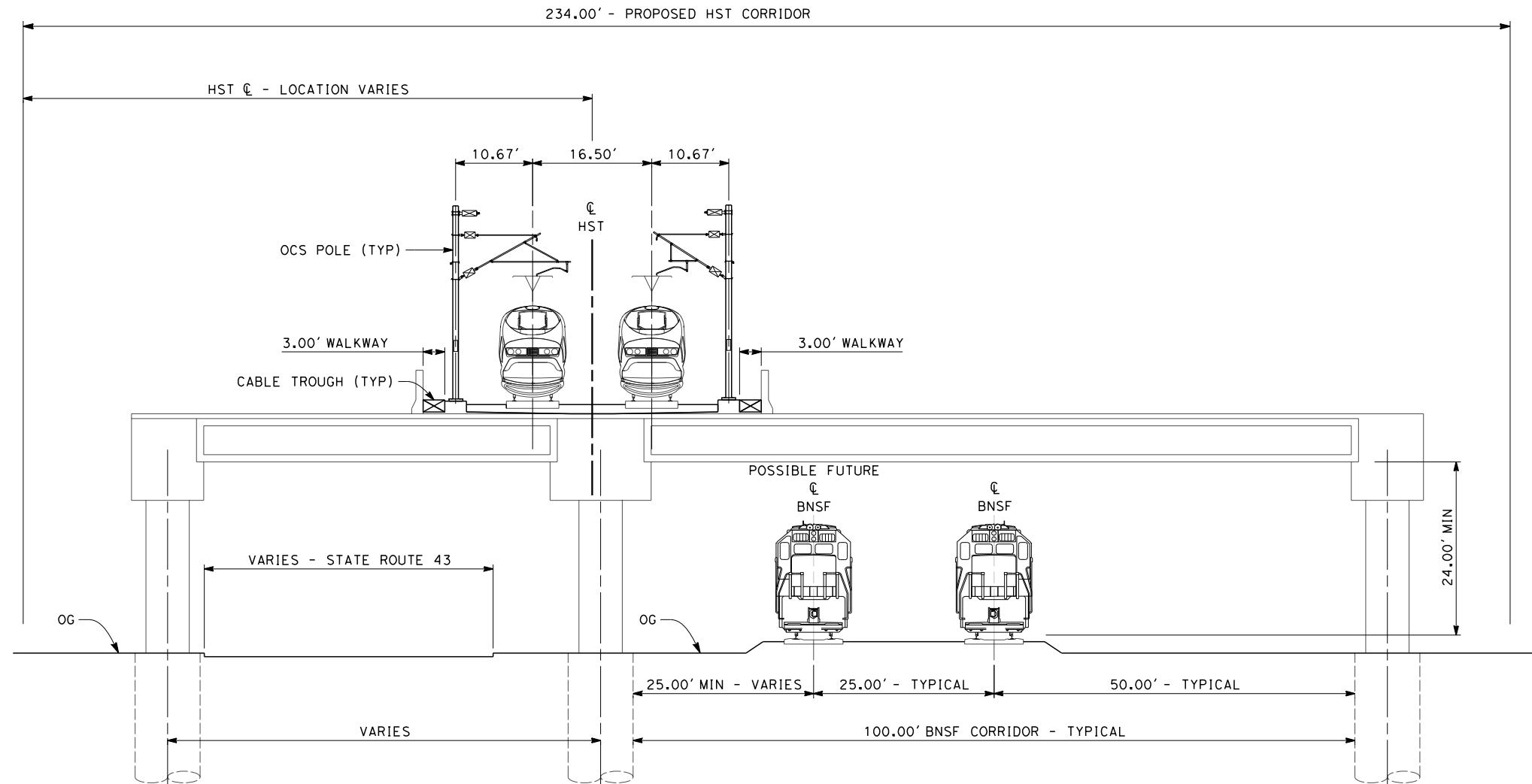
SECTION 5

TWIN TRACK - ELEVATED SLAB OVER HIGHWAY
STA 3005+00 THROUGH STA 3009+00



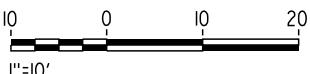
						DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
						DRAWN BY P. TONKIN	NOT FOR CONSTRUCTION			DRAWING NO. CB3256	
						CHECKED BY K. SEYMOUR				SCALE AS SHOWN	
						IN CHARGE R. COFFIN				SHEET NO. 12 OF 16	
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 12/31/13					

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.
 4. PER CALTRANS HIGHWAY DESIGN MANUAL REQUIREMENTS, A HIGHWAY BARRIER IS REQUIRED WHEN ADEQUATE HORIZONTAL CLEARANCE BETWEEN ROADWAY TRAVELED WAY AND HST STRUCTURE COLUMN IS NOT MET. STA 3001+35 TO 3029+20



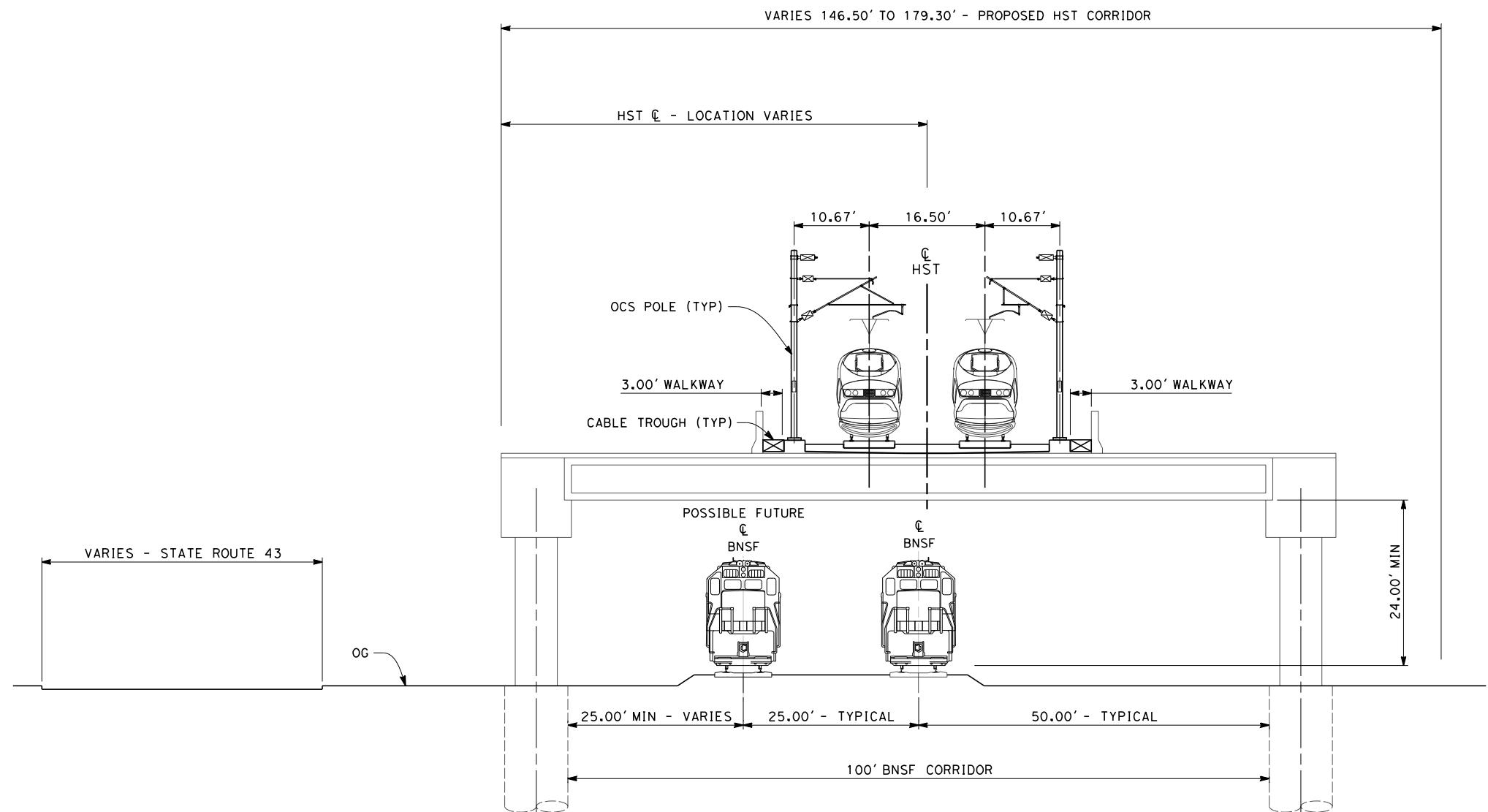
SECTION 6

TWIN TRACK - ELEVATED SLAB OVER HIGHWAY AND BNSF
STA 3009+00 THROUGH STA 3015+20



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED RAIL AUTHORITY	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY P. TONKIN	-				DRAWING NO. CB3257
CHECKED BY K. SEYMORE					SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION				SHEET NO. 13 OF 16
DATE 12/31/13					
REV	DATE	BY	CHK	APP	DESCRIPTION

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.
 4. PER CALTRANS HIGHWAY DESIGN MANUAL REQUIREMENTS, A HIGHWAY BARRIER IS REQUIRED WHEN ADEQUATE HORIZONTAL CLEARANCE BETWEEN ROADWAY TRAVELED WAY AND HST STRUCTURE COLUMN IS NOT MET. STA 3001+35 TO 3029+20



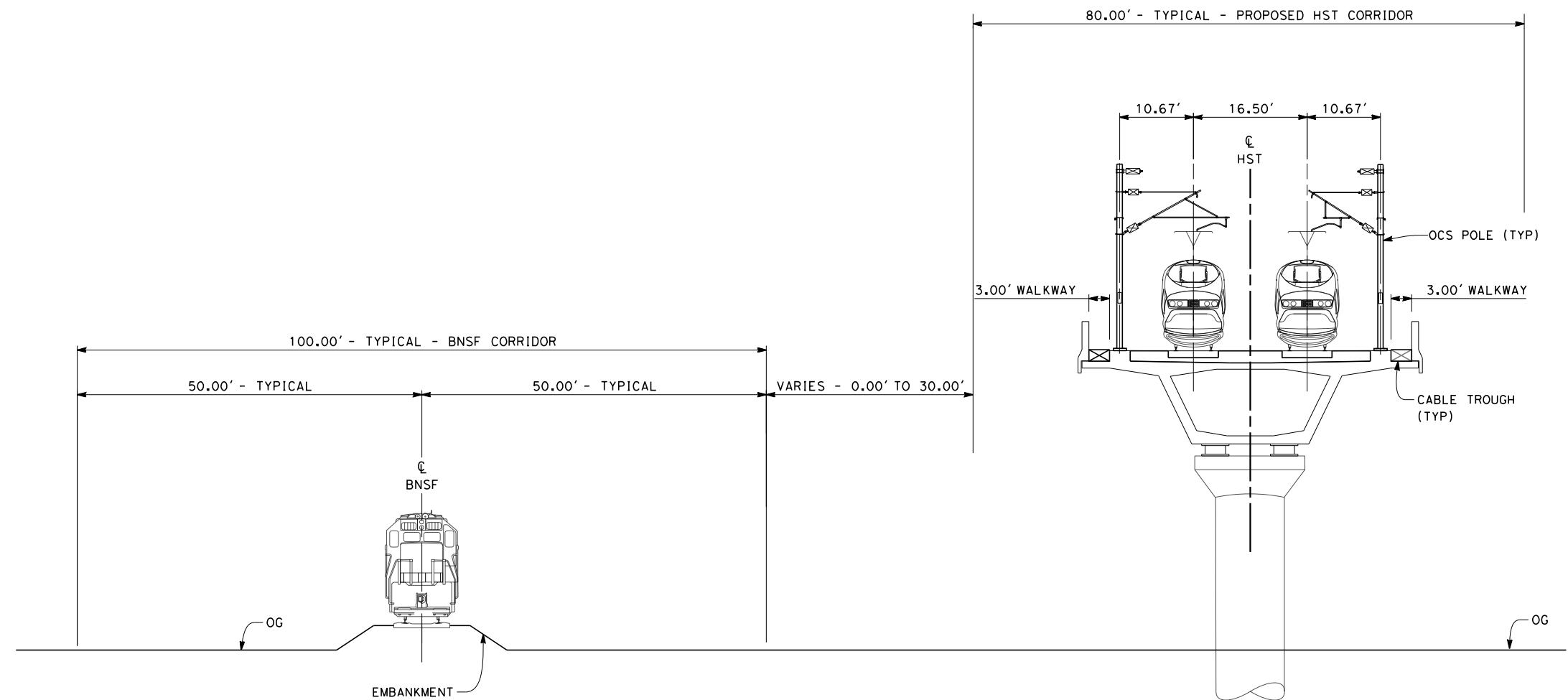
SECTION 7

TWIN TRACK - ELEVATED SLAB OVER BNSF
STA 3015+20 THROUGH STA 3029+26



					DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003	
					DRAWN BY P. TONKIN	-				DRAWING NO. CB3258	
					CHECKED BY K. SEYMORE	NOT FOR CONSTRUCTION				SCALE AS SHOWN	
					IN CHARGE R. COFFIN					SHEET NO. 14 OF 16	
					DATE 12/31/13						
REV	DATE	BY	CHK	APP	DESCRIPTION						

- NOTES:
1. TRACKFORM SHOWN IS INDICATIVE
 2. FOR STRUCTURE DIMENSIONS SEE STRUCTURAL CROSS SECTIONS
 3. SUPERELEVATION IS NOT SHOWN. THE AMOUNT OF APPLIED SUPERELEVATION IS SHOWN IN THE CURVE DATA TABLES.

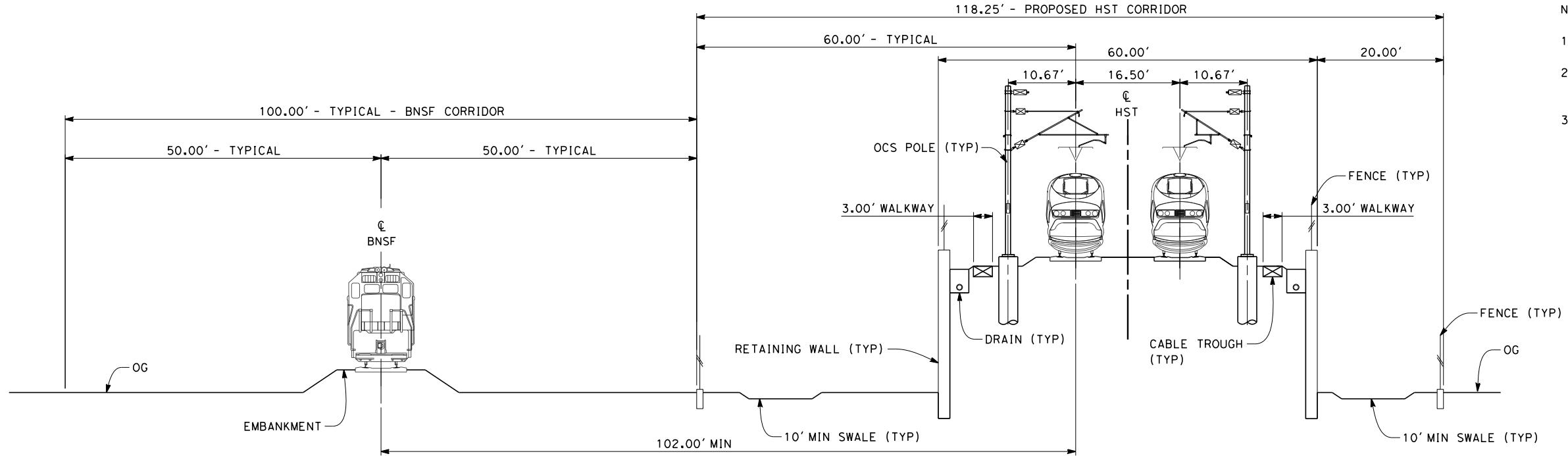


SECTION 8

TWIN TRACK - AERIAL VIADUCT ADJACENT TO BNSF
STA 3029+26 THROUGH STA 3046+02

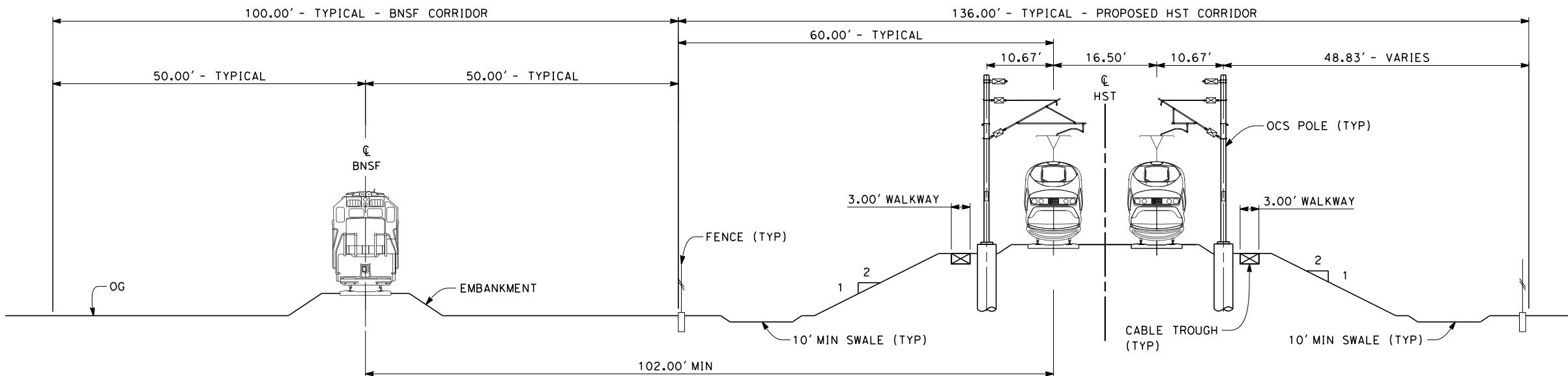


					DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION			CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003	
					DRAWN BY P. TONKIN	-				DRAWING NO. CB3259	
					CHECKED BY K. SEYMORE	NOT FOR CONSTRUCTION				SCALE AS SHOWN	
					IN CHARGE R. COFFIN					SHEET NO. 15 OF 16	
					DATE 12/31/13						
REV	DATE	BY	CHK	APP	DESCRIPTION						



SECTION 9

TWIN TRACK - RETAINED EMBANKMENT ADJACENT TO BNSF
STA 3046+02 THROUGH STA 3064+70



SECTION 10

TWIN TRACK - ADJACENT TO BNSF
STA 3064+70 THROUGH STA 3096+00



DESIGNED BY S. LITSAS	RECORD SET 15% DESIGN SUBMISSION	URS HMM ARUP	CALIFORNIA HIGH-SPEED TRAIN PROJECT FRESNO TO BAKERSFIELD CORCORAN BYPASS SUBSECTION ALIGNMENT C2 TYPICAL SECTIONS	CONTRACT NO. HSR 06-0003
DRAWN BY P. TONKIN	-			DRAWING NO. CB3260
CHECKED BY K. SEYMORE				SCALE AS SHOWN
IN CHARGE R. COFFIN	NOT FOR CONSTRUCTION			SHEET NO. 16 OF 16
DATE 12/31/13	DESCRIPTION	CALIFORNIA HIGH-SPEED RAIL AUTHORITY		
REV	DATE	BY	CHK	APP